

State University of New York at New Paltz
Department of Electrical and Computer Engineering

Computer Engineering

Sample schedule for completion of degree for students entering Fall 2004

Year/ Semester	Course Number	Course Description	Credits
1st Year 1st Semester	64251	Calculus 1	4
	22201	General Chemistry 1	4
	41160	English Composition 1	3
	47101	Intro to Engineering Science	3
		GE	3
			17
1st Year 2nd Semester	64252	Calculus 2	4
	75201	General Physics 1	4
	41180	English Composition 2	3
	40193	Fund of Electrical Engineering	3
		GE	3
			17
2nd Year 1st Semester	64353	Calculus 3	4
	75202	General Physics 2	4
	25210	Computer Science 1	4
	45230	Digital Logic Fundamentals	3
		GE	3
			18
2nd Year 2nd Semester	64359	ODE	3
	40293	Circuit Analysis	3
	40209	Circuits Lab	1
	47309	Technical Communications	3
	45331	Microprocessor System Design	3
	45208	Digital Logic Lab	1
		GE	3
			17

Computer Engineering

Year/ Semester	Course Number	Course Description	Credits
3rd Year 1st Semester	40320	Electronics 1	3
	40322	Electronics 1 Lab	1
	40340	E-Mag 1	3
	25393	Comp Sci II:Data Structure	4
	45308	Microprocessor System Lab	1
		GE	3
		GE	3
			18
3rd Year 2nd Semester	45432	Computer Architecture	3
	40321	Electronics 2	3
	40323	Electronics 2 Lab	1
	64320	Discrete Math	3
	40311	Signals & Systems	3
	40393	Engineering Statistics	3
			16
4th Year 1st Semester	75xxx	Engineering Mechanics	3-4
	45433	Digital Systems Design	3
	40408	Senior Design Project 1	3
	25353	Software Engineering	3
		Technical Elective	3
		Technical Elective Lab	1
			16-17
4th Year 2nd Semester	40409	Senior Design Project 2	3
		Technical Elective	3
		Technical Elective	3
		Technical Elective	3
			12