

UCSB Network Science IGERT

Example Curriculum for a Trainee in Electrical and Computer Engineering
Major in Control Systems and a Minor in Network Science

Summer 2014	Fall 14	Winter 15	Spring 15	Summer 15	Fall 15	Winter 16	Spring 16	Summer 16
2-week boot camp	NS 201 (4 units), Theory	NS 202 (4 units), Applications	NSL module 1 (4 units)	Internship	NS module 2 (4 units)	NS module 3 (4 units)	NS seminar (2 units)	Internship
	NS seminar (2 units)	NS seminar (2 units, focus on innovation and entrepreneurship)	NS seminar (2 units)		NS seminar (2 units)	Professional Development Workshop	Innovation program	
	Linear Systems I (ECE230A)	Professional Development Workshop (1-day)	Innovation program		Game Theory (ECE270)	NS seminar (2 units, focus on innovation and entrepreneurship)	Convex Optimization (ECE271A)	
		Linear Systems II (ECE230B)	Nonlinear Control Systems (ECE236)			Advanced Control Design Laboratory (ECE 238)		

Notes:

IGERT required
IGERT optional
Dept requirement

Note: Many graduate courses are taught on alternate years, so the course makeup may need to be adapted from year to year