

# UCSB Network Science IGERT

Example Curriculum for Trainee in Computer 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	
	Graduate course 3	Professional Development Workshop (1-day)	Innovation program		Graduate course 6	NS seminar (2 units, focus on innovation and entrepreneurship)	Graduate course 8	
		Graduate course 4	Graduate course 5			Graduate course 7		

- IGERT required
- IGERT optional
- Dept requirement

Requirements that remain to be met after Year 2: one quarter of Taship

For complete requirements: <http://www.cs.ucsb.edu/graduate/phd/>

## 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

## UCSB Network Science IGERT

Example Curriculum for Trainee in Ecology, Evolution, and Marine Biology

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 seminar (2 units)	NS 202 (4 units), Applications NS seminar (2 units, focus on innovation and entrepreneurship)	NSL module 1 (4 units) NS seminar (2 units)	Internship	NS module 2 (4 units) NS seminar (2 units)	NS module 3 (4 units) Professional Development Workshop	NS seminar (2 units) Innovation program	Internship
	EEMB 508, T-TH 10-11:50	Professional Development Workshop (1-day)	Innovation program		2 unit grad seminar recommended	NS seminar (2 units, focus on innovation and entrepreneurship)	2 unit grad seminar recommended	
	EEMB 290 (attend dept seminar, 2 units, M 4-5pm)	EEMB 509, (might be T-TH 10-11:50)	EEMB 290 (attend dept seminar, 2 units, M 4-5pm)			2 unit grad seminar recommended		
		EEMB 290 (attend dept seminar, 2 units, M 4-5pm)						

Notes:

IGERT required
IGERT optional
Dept requirement