

Requirements for BS in Computer Science

Course	Prerequisites	Notes
<input type="checkbox"/> CS400 (1cr)		waived for transfer students who do not take CS415
<input type="checkbox"/> IT403		C ⁻ required
<input type="checkbox"/> CS415 or CS414		C ⁻ (CS415) or B ⁻ (CS414) required
<input type="checkbox"/> CS416 or CS417	CS415 or CS414	C ⁻ required
<input type="checkbox"/> CS501	Engl401	Discovery (Inquiry; environment, technology and society)
<input type="checkbox"/> CS515	CS416	C ⁻ required
<input type="checkbox"/> CS520	CS416 (coreq: CS515)	C ⁻ required
<input type="checkbox"/> CS619	CS515	
<input type="checkbox"/> CS620	CS520	
<input type="checkbox"/> CS659	Math531	
<input type="checkbox"/> CS671	CS520	
<input type="checkbox"/> CS Impl. Int.*	various	CS712, CS730 or CS735
<input type="checkbox"/> CS Theory*	CS659 + various	CS712 (except if taken as impl. int.), CS745 or CS758
<input type="checkbox"/> CS Elective*	various	CS7xx (_____)
<input type="checkbox"/> CS Elective*	various	CS7xx (_____)
* one of these CS7xx courses must be WI or combined with a writing module CS696W		
<input type="checkbox"/> Professional Elective	various	chosen from the list of approved professional electives
<input type="checkbox"/> CS791 (2cr)	CS619	Discovery (senior capstone experience), Project I
<input type="checkbox"/> CS792 (2cr)	CS791	Discovery (senior capstone experience), Project II
<input type="checkbox"/> Math425		Discovery (quantitative reasoning)
<input type="checkbox"/> Math426	Math425	
<input type="checkbox"/> Statistics	Math425 or Math426	Math539 or Math644
<input type="checkbox"/> Math531	Math425	WI
<input type="checkbox"/> ECE543		
<input type="checkbox"/> ECE562	ECE543	
<input type="checkbox"/> Engl401		WI, Discovery (writing skills)
<input type="checkbox"/> Engl502		WI, prefer section reserved for CS students
<input type="checkbox"/> DLAB I		Discovery (PS or BS), first half of a sequence (_____)
<input type="checkbox"/> DLAB II	DLAB I	second half of a sequence: Biol411&412, Chem403&404, Esci401&402, Esci409&402 or Phys407&408
<input type="checkbox"/> DLAB III		Discovery (BS if DLAB I/II is PS and vice-versa)(_____)
<input type="checkbox"/> FPA		Discovery (fine and performing arts) (_____)
<input type="checkbox"/> HP		Discovery (historical perspectives) (_____)
<input type="checkbox"/> HUMA		Discovery (humanities) (_____)
<input type="checkbox"/> SS		Discovery (social sciences) (_____)
<input type="checkbox"/> WC		Discovery (world cultures) (_____)
<input checked="" type="checkbox"/> INQ (CS501)	<input checked="" type="checkbox"/> WI 1 (Engl401)	<input checked="" type="checkbox"/> WI 2 (Engl502)
<input checked="" type="checkbox"/> WI 3 (Math531)	<input type="checkbox"/> WI 4 (CS_____)	

Sample CS Schedule 1		
	Fall	Spring
1	CS400, CS415*	CS416*, IT403*
2	CS515*	CS520*
3	CS620*, CS671	CS619*, CS7xx
4	CS791, CS7xx, CS7xx	CS792, CS7xx, Prof.Elec.

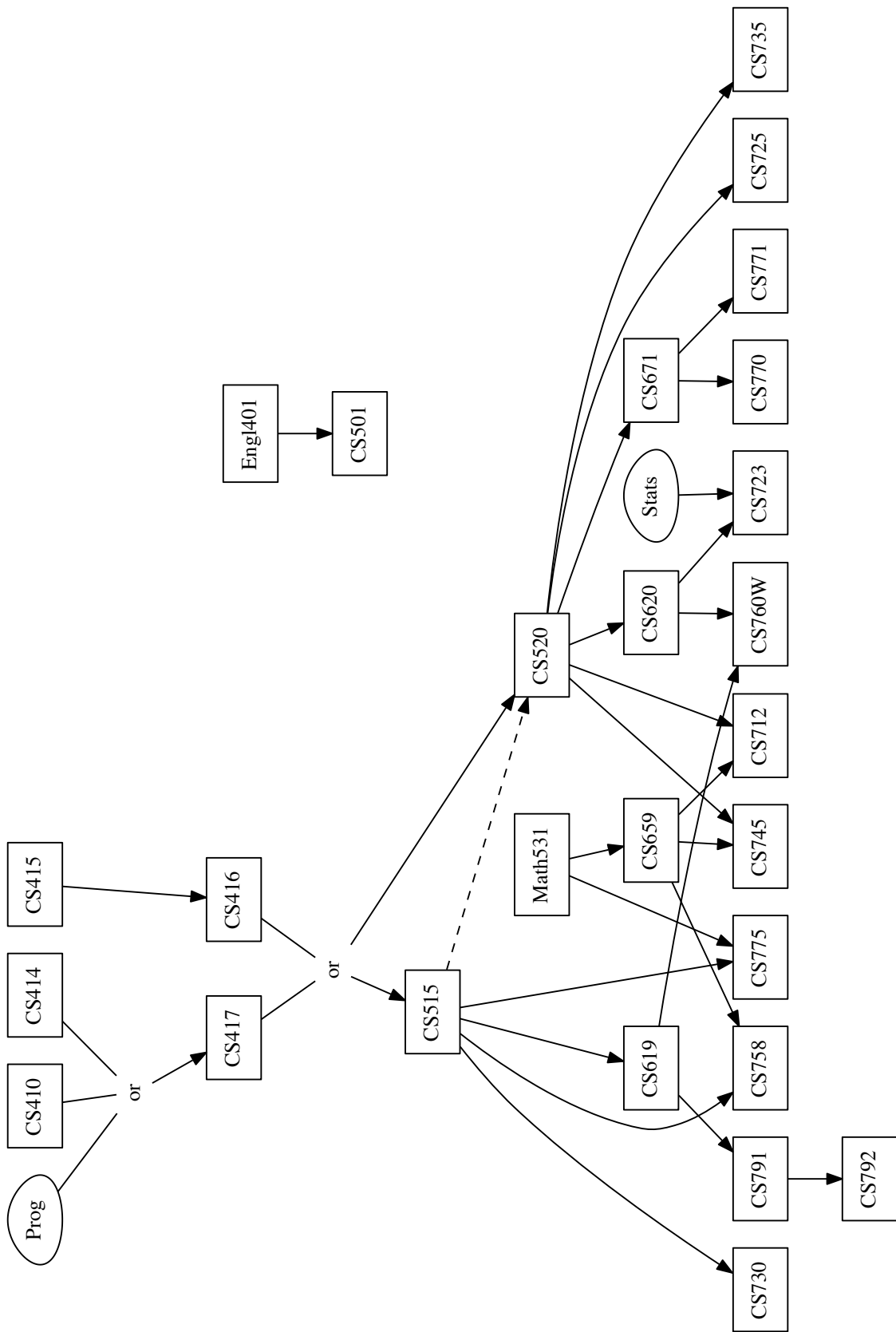
Sample CS Schedule 2 (transfer students)		
	Fall	Spring
1		CS415*, IT403*
2	CS416*	CS515*
3	CS520*, CS659*	CS619*, CS620*
4	CS671, CS791, CS7xx	CS792, CS7xx, CS7xx
5	CS7xx, Prof.Elec.	

Sample CS Schedule 3 (transfer students)		
	Fall	Spring
1		CS415*, IT403*
2	CS416*	CS515*, CS520*
3	CS619*, CS671	CS620*, CS659*, CS7xx
4	CS791, CS7xx, CS7xx	CS792, CS7xx, Prof.Elec.

*These courses are offered both semesters.

CS Electives*	
Fall 16	Spring 17
CS712	CS735
CS725	CS758
CS730	CS760W
CS745	CS775
CS771	

*Topics courses (CS780) not included.



→ prerequisite

--> corequisite