

# Computer Science B.S. Degree - Requirements 2019-20

See [handbook.cs.utah.edu](http://handbook.cs.utah.edu) for complete details and additional restrictions.

Questions? Contact a CS Academic Advisor: [book appointment](#) or [ugrad-help@cs.utah.edu](mailto:ugrad-help@cs.utah.edu).

Course	Title	Credits	Designation	Notes	Planned Semester	DV choose 1	IR choose 1	3000+ choose 2
<b>GENERAL EDUCATION</b>	WRTG 2010	3	WR2	†	_____			
	WRTG 3012, 3014, or 3015	3	CW	†	_____			
	_____	3	AI	†	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	_____	3	FF	†Δ	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	_____	3	FF	†Δ	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	_____	3	HF	†Δ	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	_____	3	HF	†Δ	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	_____	3	BF	†Δ	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>PRE-MAJOR</b>	CS 1030	3		▲	_____			
	CS 1410	4			_____			
	CS 2420	4			_____			
	MATH 1210	4	QR	★†	_____			
	MATH 1220	4	QR	★†	_____			
<b>MATH / SCI.</b>	CS 3130	3	QI		_____			
	MATH 2270	4	QR		_____			
	PHYS 2210	4	SF	†	_____			
	_____	3		*†Δ	_____			
	_____	3		*†Δ	_____			
<b>CS REQ.</b>	CS 2100	3			_____			
	CS 3500	4			_____			
	CS 3505	3			_____			
	CS 3810	4	QI		_____			
	CS 4150	3	QI		_____			
	CS 4400	3	QI		_____			
<b>CS ELECTIVES</b>	CS _____	3		⊕Δ	_____			
	CS _____	3		⊕Δ	_____			
	CS _____	3		⊕Δ	_____			
	CS _____	3		⊕Δ	_____			
	CS _____	3		⊕Δ	_____			
	CS _____	3		⊕Δ	_____			
	CS _____	3		⊕Δ	_____			
<b>THEORY RESTRICTED ELECTIVE</b> Choose CS 3100 (Fa) or CS 3200 (Sp)								
CS _____	3				_____			
<b>SENIOR CAPSTONE REQUIREMENT</b> Choose CS 4000, 4500 (Project) or CS 4940, 4970 (Thesis)								
CS _____	3				_____			
CS _____	3			‡	_____			

DV choose 1

IR choose 1

3000+ choose 2

† Honors options available see [honors.utah.edu](http://honors.utah.edu)

Δ 4 credit options accepted

▲ Waivable requirement see [First CS Course](#)

★ Engineering Calculus, MATH 1310 and 1320, also accepted

\* Fill in with math, science, or engineering courses that have MATH 1220 as pre- or co-requisite. BIOL 1610 and CHEM 1210 also accepted — see [handbook.cs.utah.edu](http://handbook.cs.utah.edu) for choice restrictions

⊕ Fill in with 3000+ level CS courses — see [handbook.cs.utah.edu](http://handbook.cs.utah.edu) for choice restrictions and alternatives

‡ Students pursuing Honors and choosing Project must take CS 4998 concurrently with CS 4500 to satisfy the Honors Thesis Work

⊗ Minimum 122 credits required for graduation

113 total credits⊗