De Anza College Guided Pathways

Meta-major:	Physical Sciences and Technology
Pathway for:	Computer Science: Database Development Practitioner: Certificate of Achievement

	FALL QUARTER	WINTER QUARTER	SPRING QUARTER
First year	**Required courses:** CIS 22A CIS 64A	**Required courses:** CIS 22B CIS 64B	**Required courses:** CIS 64E CIS 64F (summer)
	Additional courses:	**Additional courses:**	**Additional courses:**

	FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Second year	**Required courses:** CIS 64C	**Required courses:** CIS 64D	**Required courses:**
	Additional courses:	**Additional courses:**	**Additional courses:**

Additional notes:

Any required courses may be substituted by the exact corresponding Honors course when available.

CIS 64A, 64C, 64E, and 64F are offered rarely, so it is recommended to take these courses any time you see them available no matter which quarter they are offered