De Anza College Guided Pathways

Meta-major:	Physical Sciences and Technology
Pathway for:	Computer Science: Programming in Java: Certificate of Achievement

First year

	FALL QUARTER	WINTER QUARTER	SPRING QUARTER
	Required courses: CIS 22A	**Required courses:** CIS 22B CIS 35A	**Required courses:** CIS 35B CIS 53
	Additional courses:	**Additional courses:**	**Additional courses:**

Second year

	FALL QUARTER	WINTER QUARTER	SPRING QUARTER
	Required courses:	**Required courses:**	**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 53 is offered rarely, so it is recommended to take the course any time you see it available no matter which quarter it is offered.