**De Anza College Guided Pathways**

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

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**FALL QUARTER**  
**WINTER QUARTER**  
**SPRING QUARTER**

| First year | Required courses: CIS 40 or CIS 22A or CIS 36A | Required courses: CIS 41A  
Choose one: CIS 9, CIS 22B, CIS 26A, CIS 27, CIS 35A, CIS 36B, CIS 64B or CIS 66 | Required courses: CIS 41B |
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**Additional notes:**  
Any required courses may be substituted by the exact corresponding Honors course when available.  
CIS 26A and 27 are offered rarely, so it is recommended to take these courses any time you see them available no matter which quarter they are offered.

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**THIS IS A SAMPLE PATHWAY. PLEASE CONSULT A COUNSELOR OR ACADEMIC ADVISER FOR YOUR INDIVIDUALIZED EDUCATION PLAN SINCE IT COULD CHANGE DEPENDING ON YOUR MAJOR AND YOUR CHOICE OF TRANSFER SCHOOL(S).**