



# De Anza College Guided Pathways

**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).**

**Meta-major:** Physical Sciences and Technology

**Pathway for:**

Computer Science: Systems Programming: Certificate of Achievement Advanced

	FALL QUARTER	WINTER QUARTER	SPRING QUARTER
<b>First year</b>	<b>Required courses:</b> CIS 18A CIS 22A EWRT 1A or ESL 5 as required	<b>Required courses:</b> CIS 22B MATH as required	<b>Required courses:</b> CIS 22C
	<b>Additional courses:</b>	<b>Additional courses:</b>	<b>Additional courses:</b>

	FALL QUARTER	WINTER QUARTER	SPRING QUARTER
<b>Second year</b>	<b>Required courses:</b> CIS 21JA CIS 29	<b>Required courses:</b> CIS 26B CIS 31 Complete one course: CIS 18B, CIS 21JB, CIS 28, CIS 35A, CIS 66, CIS 95F	<b>Required courses:</b>
	<b>Additional courses:</b>	<b>Additional courses:</b>	<b>Additional courses:</b>

**Additional notes:**

Any required courses may be substituted by the exact corresponding Honors course when available.  
It is recommended to complete EWRT and MATH as soon as possible.  
CIS 21JB, 31, 26B 95F are offered rarely, so it is recommended to take these courses any time you see them available no matter which quarter they are offered