



2019-2020 GUIDED PATHWAY

Associate of Science in Computer Science

START Here

FIRST SEMESTER	NOTES	SCH	COMPLETED
ENGL 1301 - Composition I	⚠	3	<input type="checkbox"/>
MATH 2413 - Calculus I	⚠	4	<input type="checkbox"/>
HIST 1301 - United States History I		3	<input type="checkbox"/>
COSC 1301 - Intro. to Computing	⚠	3	<input type="checkbox"/>
Any course from Creative Arts core	➡ !	3	<input type="checkbox"/>
Total SCH		16	

SECOND SEMESTER	NOTES	SCH	COMPLETED
ENGL 1302 - Composition II		3	<input type="checkbox"/>
MATH 2414 - Calculus II	⚠	4	<input type="checkbox"/>
MATH 1442 - Elem. Statistical Methods		4	<input type="checkbox"/>
Any course from Soc./Beh. Sci. core	➡	3	<input type="checkbox"/>
HIST 1302 - United States History II	!	3	<input type="checkbox"/>
Total SCH		17	

THIRD SEMESTER	NOTES	SCH	COMPLETED
PHYS 2425 - University Physics I	⚠	4	<input type="checkbox"/>
GOVT 2305 - Federal Government	🎓	3	<input type="checkbox"/>
COSC 1336 - Programming Fundamentals I	⚠	3	<input type="checkbox"/>
Any course from Lang/Phil/Cult core	➡ !	3	<input type="checkbox"/>
Total SCH		13	

FOURTH SEMESTER	NOTES	SCH	COMPLETED
PHYS 2426 - University Physics II		4	<input type="checkbox"/>
GOVT 2306 - Texas Government		3	<input type="checkbox"/>
COSC 1337 - Programming Fundamentals II	⚠ 1st 8 Wks	3	<input type="checkbox"/>
COSC 2336 - Programming Fundamentals III	2nd 8 Weeks	3	<input type="checkbox"/>
1 SCH course , if needed to reach 60 SCH	🎓 !	1	<input type="checkbox"/>
Total SCH		14	

Graduation SCH 60

You've FINISHED!

Definition of Notes

- ⚠ Must successfully complete the course in order to progress in the AS Computer Science degree.
- ➡ Meet with an academic advisor or department chair for university specific transfer course.
- ! If you cannot take 16 or more SCH, we recommend you take this class in the summer.
- 🎓 Come talk to an advisor about your Temple College graduation and your university transfer plans.

Transfer Outlook

AS Computer Science (COSC) can lead to university transfer for Bachelor of Science in Computer Science. AS COSC students interested in these bachelor's degrees must work with academic advisor and/or Computer Information Systems (CIS) department chair to determine transferrable course work.

Helpful Links

- [Expenses and Scholarships](#)
- [Financial Aid Information](#)
- [Core Curriculum Courses](#)
- [Computer Science Courses](#)

Career Outlook

- Computer Programmer** - \$58,608* w/Bachelor's Degree
- Information Security Analyst** - \$47,035* w/Bachelor's Degree
- Computer Network Architect** - \$62,625* w/Bachelor's Degree
- Computer Research Scientist** - \$80,765* w/Doctoral Degree

*Based on entry-level jobs in Central Texas



2019-2020

University Transfer Guide

Associate of Science in Computer Science

Temple College	TAMUCT BS Computer Science	Texas State BS Computer Science	UT-Arlington BS Computer Science
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FIRST SEMESTER

ENGL 1301 - Composition I	ENGL 1301	ENG 1310	ENGL 1301
MATH 2413 - Calculus I	MATH 2413	MATH 2471	MATH 1426
HIST 1301 - United States History I	HIST 1301	HIST 1310	HIST 1311
COSC 1301 - Intro. to Computing	COSC 1301	CS 1308	CSE 1301
Any course from Creative Arts core	CA CORE	CA CORE	CA CORE

Temple College	TAMUCT BS Computer Science	Texas State BS Computer Science	UT-Arlington BS Computer Science
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SECOND SEMESTER

ENGL 1302 - Composition II	ENGL 1302	ENG 1320	ENGL 1302
MATH 2414 - Calculus II	MATH 2414	MATH 2472	MATH 2425
MATH 1442 - Elementary Statistical Methods	MATH 1442	MATH 2328	MATH 1308
Any course from Soc./Beh. Sci. core	SBS CORE	SBS CORE	ECON 2305 (ECON 2301 @ TC)
HIST 1302 - United States History II	HIST 1302	HIST 1320	HIST 1312

Temple College	TAMUCT BS Computer Science	Texas State BS Computer Science	UT-Arlington BS Computer Science
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THIRD SEMESTER

PHYS 2425 - University Physics I	PHYS 2425	PHYS 1430	PHYS 1443
GOVT 2305 - Federal Government	GOVT 2305	POSI 2320	POLS 2311
COSC 1336 - Programming Fundamentals I	COSC 1336	CS 1319	COSC 1336
Any course from Lang/Phil/Cult core	LPC CORE	ENG Literature	LPC CORE

Temple College	TAMUCT BS Computer Science	Texas State BS Computer Science	UT-Arlington BS Computer Science
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FOURTH SEMESTER

PHYS 2426 - University Physics II	PHYS 2426	PHYS 2425 (PHYS 2426 @ TC)	PHYS 1444
GOVT 2306 - Texas Government	GOVT 2306	POSI 2310	POLS 2312
COSC 1337 - Programming Fundamentals II	COSC 1337	CS 1428	COSC 1337
COSC 2336 - Programming Fundamentals III	COSC 2336	CS 2308	COSC 2336
1 SCH course , if needed to reach 60 SCH	1 SCH Elective	BIO 1330/1130 (BIOL 1406 @ TC)	BIOL 1441 (BIOL 1406 @ TC)

IMPORTANT LINKS

[Texas A&M - Central Texas Website](#)

[Texas State University Website](#)

[University of Texas - Arlington Website](#)