



# 2020-2021 GUIDED PATHWAY

## Associate of Science in Computer Science

FIRST FALL			
16 WEEKS	NOTES	SCH	COMPLETED
MATH 2413 - Calculus I	⚠ FOS	4	<input type="checkbox"/>
FIRST 8 WEEKS	NOTES	SCH	COMPLETED
ENGL 1301 - Composition I	⚠ FY	3	<input type="checkbox"/>
SECOND 8 WEEKS	NOTES	SCH	COMPLETED
ENGL 1302 - Composition II	FY	3	<input type="checkbox"/>
Creative Arts Core	FY ↻	3	<input type="checkbox"/>
<b>Total SCH</b>		<b>13</b>	

SECOND FALL			
16 WEEKS	NOTES	SCH	COMPLETED
PHYS 2425 - University Physics I	⚠ FOS	4	<input type="checkbox"/>
FIRST 8 WEEKS	NOTES	SCH	COMPLETED
GOVT 2305 - Federal Government	FY	3	<input type="checkbox"/>
COSC 2436 - Programming Fundamentals III	FY	4	<input type="checkbox"/>
SECOND 8 WEEKS	NOTES	SCH	COMPLETED
MATH 1442 - Elementary Statistical Method	FY ↻	4	<input type="checkbox"/>
<b>Total SCH</b>		<b>15</b>	

FIRST SPRING			
16 WEEKS	NOTES	SCH	COMPLETED
MATH 2414 - Calculus II	FOS	4	<input type="checkbox"/>
FIRST 8 WEEKS	NOTES	SCH	COMPLETED
COSC 1436 - Programming Fundamentals I	⚠ FY/FOS	4	<input type="checkbox"/>
SECOND 8 WEEKS	NOTES	SCH	COMPLETED
COSC 1437 - Programming Fundamentals II	⚠ FOS	4	<input type="checkbox"/>
Social/Behavioral Science Core	FY ↻	3	<input type="checkbox"/>
<b>Total SCH</b>		<b>15</b>	

SECOND SPRING			
16 WEEKS	NOTES	SCH	COMPLETED
PHYS 2426 - University Physics II	FOS	4	<input type="checkbox"/>
FIRST 8 WEEKS	NOTES	SCH	COMPLETED
GOVT 2306 - Texas Government	FY	3	<input type="checkbox"/>
Language, Philosophy, Culture Core	FY	3	<input type="checkbox"/>
SECOND 8 WEEKS	NOTES	SCH	COMPLETED
HIST 1302 - United States History II	FY	3	<input type="checkbox"/>
<b>Total SCH</b>		<b>13</b>	

The following summer classes can also be taken during any fall or spring semester.

FIRST SUMMER	NOTES	SCH	COMPLETED
HIST 1301 - United States History I	FY	3	<input type="checkbox"/>
<b>Total SCH</b>		<b>3</b>	
<b>First Year SCH</b>		<b>24</b>	

SECOND SUMMER	NOTES	SCH	COMPLETED
1 sch as needed for graduation	↻	1	<input type="checkbox"/>
<b>Total SCH</b>		<b>1</b>	
<b>Second Year SCH</b>		<b>29</b>	
<b>Graduation SCH</b>		<b>53</b>	

### Definition of Notes

- Must successfully complete the course in order to progress in the AS Computer Science degree.
- FY** Course will be offered on a continuous basis so that a student can take the course in any fall and spring semester.
- FOS** [CLICK HERE](#) for Field of Study Information
- Meet with an academic advisor or department chair for university specific transfer course.
- Come talk to an advisor about your Temple College graduation and your university transfer plans.

### Helpful Links

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

### 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.

### Career Outlook

- Computer Programmer** - \$61,155\* w/Bachelor's Degree
- Information Security Analyst** - \$51,975\* w/Bachelor's Degree
- Computer Network Architect** - \$60,233\* w/Bachelor's Degree
- Information Systems Manager** - \$76,203\* w/Master's Degree

\*Based on entry-level jobs in Central Texas