




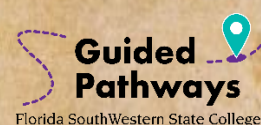
**ASSOCIATE IN ARTS DEGREE :  
SCIENCE, ENGINEERING, MATH PATHWAY  
SOFTWARE ENGINEERING**

This map is designed for students planning to transfer to a college in the Florida State University System and major in Software Engineering after completing an AA degree. This plan includes common prerequisites and recommended courses for success in the program.

Fall			
Course		Credits	Alternate
SLS 1515	CORNERSTONE EXPERIENCE	3	
ENC 1101	COMPOSITION I	3	
CHM 2025 	INTRO TO COLLEGE CHEMISTRY	3	
CHM 2025L	INTRO TO COLLEGE CHEM LAB	1	
MAC 1106	COLLEGE ALGEBRA/PRECALCULUS	4	MAC 1105 or MAC 1140
<b>Total Semester Credits:</b>		<b>14</b>	
Spring			
Course		Credits	Alternate
MAC 1114	TRIGONOMETRY	4	
ENC 1102	COMPOSITION II	3	
CHM 2045	GENERAL CHEMISTRY I	3	BSC 1010/L
CHM 2045L	GENERAL CHEMISTRY I LAB	1	
COP 1000	INTRO TO COMPUTER PROGRAMMING	3	
<b>Total Semester Credits:</b>		<b>14</b>	
Summer			
Course		Credits	Alternate
MAC 2311	CALC W/ANALYTIC GEOMETRY I	4	
HUMANITIES <sup>1</sup>	General Education Humanities Core	3	
<b>Total Semester Credits:</b>		<b>7</b>	
<b>Total Academic Year Credits:</b>		<b>35</b>	
Fall			
Course		Credits	Alternate
MAC 2312	CALC W/ANALYTIC GEOMETRY II	4	
PHY 2048	GENERAL PHYSICS I	4	
PHY 2048L	GENERAL PHYSICS I LABORATORY	1	
COP 2800	JAVA PROGRAMMING	3	
POS 2041	AMERICAN GOVERNMENT	3	AMH 2020 (Civic Literacy)
<b>Total Semester Credits:</b>		<b>15</b>	



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Spring			
Course		Credits	Alternate
IDS 2891	CREATIVE CAPSTONE	3	
PHY 2049	GENERAL PHYSICS II	4	OR MAC 2313 or MAP 2302
PHY 2049L	GEN PHYSICS II LAB	1	
HUMANITIES <sup>1</sup>	General Education Humanities Course	3	PHI 2100 Introduction to Logic
SOCIAL SCIENCE <sup>1</sup>	General Education Social Science	3	ECO 2013 Introduction to Macroeconomics or ECO 2023 Introduction to Microeconomics
<b>Total Semester Credits:</b>		<b>14</b>	
Summer			
Course		Credits	Alternate
MAC 2313	CALC W/ANALYTIC GEOMETRY III	4	
MAP 2302	DIFFERENTIAL EQUATIONS I	4	
<b>Total Semester Credits:</b>		<b>8</b>	
<b>Total Academic Year Credits:</b>		<b>37</b>	
<b>Overall Credits:</b>		<b>72</b>	

<sup>1</sup> Students must meet the Core, Writing Intensive and Civic Literacy requirements as outlined in the College Catalog.

\*Students must meet the foreign language requirement as outlined in the College Catalog. Please check with your advisor for more information.

\*\*Recommended for students to check with their transfer institution regarding the transferability of science coursework.

Updated 4/26/22