



SVGS Program of Study by AREA of INTEREST

This document is designed to better assist students in relating their specific interests or intended career paths with opportunities at SVGS, and in developing an academic plan to successfully reach his or her educational and career goals. It is in the student's best interest to develop a focused and challenging program of studies for extensive preparation and continued growth.

		Area of Interest	Strand	Junior Year	Senior Year
ARTS	Humanities	<i>Humanities</i>		Humanities I (DE)	Humanities II (DE)
		<i>Appreciation</i>		*Intro to Theater (DE) *Art History - Pre-Ren (DE) <i>*both required</i>	
		<i>Social/Cultural</i>			*Communications (DE) *Psychology (DE) <i>*both required</i>
	Fine Arts	<i>Humanities</i>		Humanities I (DE)	Humanities II (DE)
		<i>Appreciation</i>		Art History - Pre-Ren (DE)	Art History – Ren - Mod (DE)
		<i>Skill</i>		*Studio Art I *Crafts & Skills II <i>*both required (portfolio review required)</i>	*Studio Art II/AP Studio *Crafts & Skills II <i>*both required (audition required)</i>
	Performing Arts	<i>Humanities</i>		Humanities I (DE)	Humanities II (DE)
		<i>Appreciation</i>		Intro to Theater (DE)	Drama Theory & Criticism
		<i>Skill</i>		*Acting I *Crafts & Skills I <i>*both required (portfolio review required)</i>	*Acting II *Crafts & Skills II <i>*both required (audition required)</i>

NOTE: The designation (DE) beside a course indicates the course is offered for dual-enrollment college credit.



Focus Area	Strand	Junior Year		Senior Year
SCIENCES	Computer Science	<i>Technology</i>	Intro to Computer Science	Computer Security & Networking
		<i>Science</i>	Physics (DE)	AP Computer Science (Programming)
		<i>Mathematics</i>	Pre-Calculus Calculus (AP or DE)	<i>Choose one:</i> Calculus (AP or DE) Adv. Calculus – Multivariable Discrete Math (DE)
	Engineering	<i>Technology</i>	<i>Choose one:</i> Engineering I Intro to Computer Science Scientific Research – Physical Science	<i>Choose one:</i> Engineering II AP Computer Science (Programming) Computer Security & Networking Geospatial Information Systems (DE)
		<i>Science</i>	Physics (DE)	<i>Choose one:</i> AP Chemistry AP Environmental Science Molecular Biology (DE) Modern Physics
		<i>Mathematics</i>	<i>Choose one:</i> Pre-Calculus Calculus (AP or DE)	<i>Choose one:</i> Calculus (AP or DE) Adv. Calculus – Multivariable AP Statistics
	Life Sciences, Health/Medical Sciences	<i>Technology</i>	Scientific Research – Life Science	<i>Choose one:</i> Adv. Research (Independent) Extra Science Elective AP Computer Science (Programming) Geospatial Information Systems (DE)
		<i>Science</i>	Physics (DE)	<i>Choose one:</i> AP Chemistry AP Environmental Science Molecular Biology (DE)
		<i>Mathematics</i>	<i>Choose one:</i> Pre-Calculus Calculus (AP or DE)	Calculus (AP or DE) AP Statistics
	General Math, Science & Technology	<i>Technology</i>	<i>Choose one:</i> Engineering I Intro to Computer Science Scientific Research – Physical Science Scientific Research – Life Science	<i>Choose one:</i> Adv. Research (Independent) Adv. Technology AP Computer Science (Programming) Computer Security & Networking Engineering II Geospatial Information Systems (DE) Extra Mathematics Elective Extra Science Elective
		<i>Science</i>	Physics (DE)	AP Chemistry AP Environmental Science Molecular Biology (DE) Modern Physics
		<i>Mathematics</i>	Pre-Calculus or Calculus (AP or DE)	<i>Choose one:</i> Calculus (AP or DE) Adv. Calculus – Multivariable AP Statistics Discrete Math (DE)

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