

SCI HIGH

2024-2025

COURSE PREVIEW

Academic Guidance Department

9th Grade Counselor-

10th Grade Counselor- Ms. Tiffaney Smith

11/12th Grade Counselor- Mrs. Nadine Smith

Director of Academic Guidance- Mrs. Rosemary Szilagi

tsmith@noscighigh.org

nsmith@noscighigh.org

rszilagi@noscighigh.org

PROGRESSION PLAN



SCI HIGH

Grade Level	Total Credits Earned	Courses Completed
Freshman	0-5.5 credits	N/A
Sophomore	6-11.5 credits	Earned at least 2 of the following credits: English I, Algebra I, World Geography, Physical Science (other core academic requirements may be substituted)
Junior	12-17.5 credits	Earned at least 6 of the following credits: English I, English II, Algebra I, Geometry, Civics, U.S. History, Physical Science, Chemistry (other core academic requirements may be substituted)
Senior	18 or more credits	Earned at least 10 of the following credits: English I, English II, English III, Algebra I, Geometry, Algebra II, World Geography, Civics, US History, Physical Science, Chemistry, Biology (other core academic requirements may be substituted)

GRADE CLASSIFICATION POLICY

Grade classification requirements must be met in terms of credits earned in accordance with the Pupil Progression Plan.

GRADUATION LEAP 2025 REQUIREMENT

Students must pass three LEAP 2025 assessments in the following categories:

- i. English I or English II;
- ii. Algebra I or Geometry;
- iii. Biology or Civics

GRADUATION REQUIREMENTS

Subject Area	Requirement	Credit
English I-IV	Students must earn four units during grades 9-12	4.0
Social Sciences	U.S. History, Civics/Government, and any two additional credits earned during grades 9-12.	4.0
Mathematics	Algebra I, Geometry, Algebra II, and any additional Math credit.	4.0
Science	Biology I, Chemistry I, and any two additional Science credits.	4.0
World Language	Students must earn a minimum of two units in the same language during grades 9-12.	2.0
Physical Education I and II	Physical Education I 1 credit Physical Education II 0.5 credit	1.5
Health		0.5
Arts Elective		1.0
Financial Literacy		1.0
Additional Electives		2.0
Total Units Needed for Graduation		24.0



SCI HIGH

ENGLISH COURSES

WHERE INNOVATION
MEETS
DETERMINATION

EXPECTATION

STUDENTS MUST EARN **FOUR UNITS** DURING GRADES 9-12.

STUDENTS MUST PASS THE LEAP 2025 IN EITHER ENGLISH I OR ENGLISH II TO SATISFY GRADUATION REQUIREMENTS.

REQUIREMENTS :

- ENGLISH I
- ENGLISH II
- ENGLISH III
- ENGLISH IV

ADDITIONAL COURSES:

- ✓ AP: ENGLISH LANGUAGE ARTS & COMPOSITION (ENGLISH III)
- ✓ DUAL ENROLLMENT: ENGLISH COMP I
- ✓ DUAL ENROLLMENT: ENGLISH COMP II

MORE INFORMATION :



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MATH COURSES

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STUDENTS MUST EARN **FOUR UNITS** DURING GRADES 9-12.

STUDENTS MUST PASS THE LEAP 2025 IN EITHER ALGEBRA I OR GEOMETRY TO SATISFY GRADUATION REQUIREMENTS.




REQUIREMENTS :

- **ALGEBRA I**
- **GEOMETRY**
- **ALGEBRA II**

ADDITIONAL COURSES:

- ✓ **PROBABILITY & STATISTICS**
- ✓ **CALCULUS**
- ✓ **DUAL ENROLLMENT: COLLEGE ALGEBRA**

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SCIENCE COURSES

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STUDENTS MUST EARN **FOUR UNITS** DURING GRADES 9-12.

STUDENTS MUST PASS THE LEAP 2025 IN EITHER BIOLOGY OR CIVICS TO SATISFY GRADUATION REQUIREMENTS.

REQUIREMENTS :

- **BIOLOGY**
- **CHEMISTRY I**

ADDITIONAL COURSES:

- ✔ **CONCEPTUAL PHYSICS**
- ✔ **ENVIRONMENTAL SCIENCE**
- ✔ **PHYSICS**
- ✔ **ANATOMY & PHYSIOLOGY**
- ✔ **DUAL ENROLLMENT: BIOLOGY**
- ✔ **DUAL ENROLLMENT: CHEMISTRY I**

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SOCIAL SCIENCES COURSES

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STUDENTS MUST EARN **FOUR UNITS** DURING GRADES 9-12.

STUDENTS MUST PASS THE LEAP 2025 IN EITHER BIOLOGY OR CIVICS TO SATISFY GRADUATION REQUIREMENTS.

REQUIREMENTS :

- **U.S. HISTORY**
- **CIVICS**

ADDITIONAL COURSES:

- ✓ **WORLD GEOGRAPHY**
- ✓ **AFRICAN AMERICAN HISTORY**
- ✓ **AP: AFRICAN AMERICAN HISTORY**
- ✓ **AP: U.S. HISTORY**
- ✓ **AP: U.S. GOVERNMENT**
- ✓ **DUAL ENROLLMENT: PSYCHOLOGY**

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ART COURSES

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STUDENTS MUST EARN AT LEAST
ONE UNIT DURING GRADES 9-12.

COURSES OPTIONS:

- ✓ **CHOIR**
- ✓ **ENGINEERING DESIGN & DEVELOPMENT**
- ✓ **JAZZ BAND I, II, & III**
- ✓ **MEDIA ARTS I: ADOBE PHOTOSHOP**
- ✓ **MEDIA ARTS II: ILLUSTRATOR/PREMIERPRO**
- ✓ **MEDIA ARTS III: PRODUCTION**
- ✓ **MUSIC ELECTIVE I & II**

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WORLD LANGUAGE COURSES

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STUDENTS MUST EARN AT LEAST **TWO OF THE SAME UNITS** DURING GRADES 9-12.

COURSES OPTIONS:

- ✔ **SPANISH I**
- ✔ **SPANISH II**
- ✔ **DUAL ENROLLMENT: SPANISH I**
- ✔ **DUAL ENROLLMENT: SPANISH II**

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HEALTH/PE COURSES

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STUDENTS MUST EARN A TOTAL OF
TWO UNITS DURING GRADES 9-12.

COURSES OPTIONS:

- ✓ **HEALTH (0.5 CREDITS)**
- ✓ **PHYS ED I (1 CREDIT)**
- ✓ **PHYS ED II (0.5 CREDITS)**

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ELECTIVE COURSES

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STUDENTS MUST EARN AT LEAST **TWO** UNITS DURING GRADES 9-12 IN ADDITION TO THE FINANCIAL LITERACY CREDIT FOR A TOTAL OF **THREE** CREDITS.

REQUIRED:

- **FINANCIAL LITERACY**




COURSES OPTIONS:

- ✓ **INTRO TO STEM CAREERS**
- ✓ **PSYCHOLOGY**
- ✓ **CERTIFIED NURSING ASSISTANT**
- ✓ **PHLEBOTOMY**
- ✓ **MEDICAL ASSISTANT I/II**

COURSES OPTIONS:

- ✓ **SURVEY OF COMPUTER SCIENCE-LSU**
- ✓ **AP COMPUTER SCIENCE**
- ✓ **INTRO TO BIO MED**
- ✓ **BIO LAB TECH**
- ✓ **CYBERSECURITY**
- ✓ **ROBOTICS**
- ✓ **INTRO TO ENGINEERING**
- ✓ **PRINCIPALS OF ENGINEERING**
- ✓ **INTRO TO COMPUTATIONAL THINKING**

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HEALTH SCIENCE COURSES

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STUDENTS WILL HAVE THE OPPORTUNITY TO EARN 3 CERTIFICATES/CREDENTIALS IN HEALTH CARE SCIENCES.

COURSES OPTIONS:

- ✔ **CERTIFIED NURSING ASSISTANT**
- ✔ **PHLEBOTOMY**
- ✔ **MEDICAL ASSITANT I**
- ✔ **MEDICAL ASSITANT II**

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PRE-ENGINEERING COURSES

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TO EARN THE SILVER STEM DIPLOMA SEAL STUDENTS MUST PASS ONE COURSE FROM EACH OF THE FOUR FOLLOWING CONCENTRATION AREAS: AN INTRODUCTORY ENGINEERING COURSE, AN ENGINEERING DESIGN COURSE, A PRINCIPLES OF ENGINEERING COURSE, AND A SILVER ENGINEERING FOCAL COURSE.

COURSES OPTIONS:

- ✔ INTRO TO ENGINEERING DESIGN
- ✔ INTRO TO COMPUTATIONAL THINKING
- ✔ PRINCIPLES OF ENGINEERING
- ✔ ENGINEERING DESIGN & DEVELOPMENT
- ✔ AP: COMPUTER SCIENCE PRINCIPLES
- ✔ INTRO TO ROBOTICS
- ✔ ADVANCED ROBOTICS

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DUAL ENROLLMENT COURSES

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DUAL ENROLLMENT IS THE OPPORTUNITY FOR A STUDENT TO BE ENROLLED IN HIGH SCHOOL AND COLLEGE AT THE SAME TIME. A DUAL ENROLLMENT STUDENT RECEIVES CREDIT ON BOTH THEIR HIGH SCHOOL AND COLLEGE TRANSCRIPTS FOR THE SAME COURSE. COURSES ARE OFFERED BY LOCAL TECHNICAL, COMMUNITY, AND FOUR-YEAR COLLEGES.

COURSES OPTIONS:

- ✓ DE: ANTHROPOLOGY
- ✓ DE: BIOLOGY I
- ✓ DE: BUSINESS COMP
- ✓ DE: CHEMISTRY I
- ✓ DE: COLLEGE ALGEBRA
- ✓ DE: ENGLISH COMP I (ENGLISH III)
- ✓ DE: ENGLISH COMP II (ENGLISH IV)
- ✓ DE: PSYCHOLOGY
- ✓ DE: SPANISH I/II

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ADVANCED PLACEMENT COURSES

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MANY COLLEGES RECOGNIZE THAT YOUR AP SCORES DEMONSTRATE THAT YOU ALREADY KNOW THE MATERIAL IN CERTAIN COURSES THEY OFFER.

ENTERING COLLEGE WITH CREDIT YOU'VE ALREADY EARNED THROUGH AP CAN SAVE YOU TIME AND MONEY—FOR EXAMPLE, YOU MIGHT BE ABLE TO SKIP INTRODUCTORY COURSES OR EVEN GRADUATE EARLY.

COURSES OPTIONS:

- ✓ AP: AFRICAN AMERICAN HISTORY
- ✓ AP: COMPUTER SCIENCE
- ✓ AP ENGLISH III: ENGLISH LANGUAGE & COMPOSITION
- ✓ AP: US GOVERNMENT
- ✓ AP: US HISTORY



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