

# Endorsements and Standard Programs of Study for NBISD 2021-2022

The Texas Foundation High School Program with Endorsements is the current statewide diploma plan for public school students. This is a flexible program that encourages students to pursue their individual interests. In addition to completing required academic courses, students are requested to complete a coherent sequence of courses that match their interests from one of the five endorsement areas and include as part of their graduation plans.

NBISD offers students a variety of pathways from which a student may earn an endorsement. These sequence of courses including Career and Technical Education Programs of Study are listed below. When determining course selections, students should adhere to the standard course list below or discuss alternates with their campus counselor. Course descriptions and prerequisite requirements are provided in more detail in each matching section of this Course Catalog.

Programs of Study marked with an \* will also provide students with an opportunity to earn a STEM endorsement as long as math and science requirements are met and completed coursework includes Algebra II, physics, and chemistry.

## ENDORSEMENT: BUSINESS & INDUSTRY

Program of Study	Standard Coursework			
	Grade 9	Grade 10	Grade 11	Grade 12
<b>Animal Science *</b>	Principles of Agriculture, Food, & Natural Resources	a) Small Animal Management b) Equine Science	Livestock Production	Advanced Animal Science
<b>Applied Agricultural Engineering *</b>	Principles of Agriculture, Food, & Natural Resources	Agricultural Mechanics & Metal Technologies	Agricultural Structures Design and Fabrication	Agricultural Power Systems
<b>Plant Science *</b>	Principles of Agriculture, Food, & Natural Resources	Floral Design	Horticultural Science	Practicum in Agriculture, Food, & Natural Resources
<b>Design and Multimedia Arts</b>	Principles of Arts, Audio/Video Technology, & Communications	Animation I	Animation II	Practicum in Animation
		Commercial Photography I	Commercial Photography II	Practicum in Commercial Photography
		Graphic Design & Illustration I	Graphic Design & Illustration II	Practicum in Graphic Design & Illustration
<b>Digital Communications</b>	Principles of Arts, Audio/Video Technology, & Communications	Audio/Video Production I	Audio/Video Production II	Practicum in Audio/Video Production
<b>Communications</b>	Journalism I	Yearbook I	Yearbook II	Yearbook III
<b>Accounting and Financial Services</b>	Principles of Business, Marketing, & Finance	Accounting I	Accounting II	Practicum in Business Management
<b>Business Management</b>	Principles of Business, Marketing, & Finance	Business Information Management Systems I	a) Human Resources b) Global Business c) Business Information Management Systems II	Statistics and Business Decision Making
<b>Entrepreneurship</b>	Principles of Business, Marketing, & Finance	Entrepreneurship	Practicum in Marketing	Practicum in Business Management
<b>Marketing and Sales</b>	Principles of Business, Marketing, & Finance	a) Advertising b) Social Media Marketing	Statistics and Business Decision Making	Practicum in Marketing
<b>Networking Systems *</b>	Principles of Information Technology	Computer Science I	Networking	Practicum in Information Technology
<b>Web Development *</b>	Principles of Information Technology	Computer Science I	Web Design	Practicum in Information Technology
<b>Advanced Manufacturing and Machinery*</b>	Principles of Applied Engineering	Robotics I	Robotics II	Career Preparation
<b>Automotive</b>	Principles of Applied Engineering	Automotive Basics	Automotive Technology I	Automotive Technology II

**ENDORSEMENT: PUBLIC SERVICE**

Program of Study	Standard Coursework			
	Grade 9	Grade 10	Grade 11	Grade 12
Early Learning	Principles of Human Services and Education	Child Development	Child Guidance	Career Preparation
Teaching and Training	Principles of Human Services and Education	Human Growth and Development	Instructional Practices	Practicum in Education & Training
Healthcare Diagnostics *	Principles of Health Science	Medical Terminology	Health Science Theory	Practicum in Health Science (Clinical)
Healthcare Therapeutics *	Principles of Health Science	Medical Terminology	Health Science Theory	Practicum in Health Science (Clinical)
Medical Therapy *	Principles of Health Science	Medical Terminology	Health Science Theory	Practicum in Health Science (Career Shadowing)
Nursing Science *	Principles of Health Science	Medical Terminology	Anatomy & Physiology	Pathophysiology
Family and Community Services	Principles of Human Services and Education	Human Growth and Development	Counseling and Mental Health	Practicum in Human Services
Health and Wellness	Principles of Human Services and Education	Human Growth and Development	Lifetime Nutrition & Wellness	Practicum in Human Services
Emergency Services	Principles of Law, Public Safety, Corrections, & Security	Law Enforcement I	a) Anatomy & Physiology b) Counseling & Mental Health	Practicum in Law, Public Safety, Corrections, & Security
Law Enforcement	Principles of Law, Public Safety, Corrections, & Security	Law Enforcement I	Law Enforcement II	Practicum in Law, Public Safety, Corrections, & Security
Military Science	Military Science I	Military Science II	Military Science III	Military Science IV

**ENDORSEMENT: SCIENCE, TECHNOLOGY, ENGINEERING, & MATHEMATICS**

Program of Study	Standard Coursework			
	Grade 9	Grade 10	Grade 11	Grade 12
Cybersecurity *	Principles of Information Technology	AP Computer Science Principles	AP Computer Science A	Practicum in Information Technology
Programming and Software Development *	Principles of Information Technology	AP Computer Science Principles	AP Computer Science A	Practicum in Information Technology
Advanced Math and/or Science *	Students who wish to earn a STEM endorsement from a sequence of academic courses must complete chemistry, physics, Algebra II, and associated prerequisites along with additional advanced math and/or science courses. Refer to the current NBISD course catalog for options.			

**ENDORSEMENT: ARTS & HUMANITIES**

Program of Study	Standard Coursework			
	Grade 9	Grade 10	Grade 11	Grade 12
<b>Fine Arts: Art</b>	Art I	Art II	Art III	Art IV
<b>Fine Arts: Choir</b>	Freshman Choir	Concert Choir	Concert Choir	Concert Choir
<b>Fine Arts: Theater</b>	Theater I	Theater II	Theater III	Theater IV
<b>Fine Arts: Band</b>	Symphonic Band	Symphonic Band	Symphonic Band	Symphonic Band
<b>Fine Arts: Dance</b>	Sapphires (for FA credit)	Dance I or II	Dance II or III	Dance III or IV
<b>Social Studies</b>	World Geography	World History	U.S. History	a) Government b) Economics
<b>An additional 5th social studies course for one credit is required. See the Course Catalog for options.</b>				
<b>LOTE: Spanish</b>	Spanish I Honors	Spanish II Honors	Spanish III Honors	Spanish IV Honors
<b>LOTE: French</b>	French I	French II Honors	French III Honors	French IV AP Language
<b>LOTE: German</b>	German I	German II Honors	German III Honors	German IV

**ENDORSEMENT: MULTIDISCIPLINARY STUDIES**

Program of Study	Standard Coursework			
	Grade 9	Grade 10	Grade 11	Grade 12
<b>Academic 4 X 4</b>	English I Honors	English II Honors	English III Honors	English IV
<b>(See Course Catalog for alternate choices and a listing of all available Advanced Placement and Dual Credit Coursework.)</b>	Algebra I Honors	Geometry Honors	Algebra II Honors	Precalculus Honors
	Biology Honors	Chemistry Honors	Physics Honors	Environmental Science
	World Geography Honors	World History Honors	U.S. History Honors	a) Government b) Economics