

2023 - 2024 Taylor High School
Course Selection Guide

Health Science

Sequence	Year 1	Year 2	Year 3	Year 4	Industry Based Certifications
Exercise Science and Wellness	Principles of Exercise Science & Wellness 1 Credit N1303107	Kinesiology I 1 Credit N1302104	Anatomy and Physiology 1 Credit COUNTS AS ADV. SCI. 13020600	Practicum in Entrepreneurship 2 Credits N1303425 OPTIONAL: Career Preparation I 3 Credits 12701300	Pre-Professional Certification in Nutrition, Food, and Wellness
			AND Kinesiology II 1 Credit N1302115		
Healthcare Therapeutic Services	Principles of Health Science 1 Credit 13020200	Medical Terminology 1 Credit 13020300	Anatomy and Physiology 1 Credit COUNTS AS ADV. SCI. 13020600	Practicum in Health Science 2 Credits 13020500	Certified Clinical Medical Assistant
			AND Health Science Theory 1 Credit 13020400		

Healthcare Therapeutic

740R	Principles of Health Science			PRINHLSC	CTE
9 - 10	Program of Study: Healthcare Therapeutic	13020200	Length of Course: Year	Credit: 1	GPA Level 1
Prerequisite(s): None				Fee Required: No	
Description: The Principles of Health Science course is designed to provide an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the healthcare industry.					
330R	Medical Terminology			MEDTERM	CTE
9 - 12	Program of Study: Healthcare Therapeutic	13020300	Length of Course: Year	Credit: 1	GPA Level 1
Recommended Prerequisite: Principles of Health Science				Fee Required: No	
Description: The Medical Terminology course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.					
742R	Health Science Theory			HLTHSCI	CTE
10 - 12	Program of Study: Healthcare Therapeutic	13020400	Length of Course: Year	Credit: 1	GPA Level 1
Recommended Prerequisite: One credit from Healthcare Therapeutic Corequisite: Anatomy & Physiology				Fee Required: No	
Description: The Health Science Theory course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development.					
324R	Anatomy and Physiology			ANATPHYS	Science
10 - 12	Program of Study: Healthcare Therapeutic	13020600	Length of Course: Year	Credit: 1	GPA Level 1
Prerequisite: Biology AND one credit of Chemistry, IPC, OR Physics				Fee Required: No	
Description: The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem-solving. Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the interaction of body systems for					

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maintaining homeostasis. <i>Note: This course satisfies a science credit requirement for students on the Foundation High School Program.</i>					
734R	Practicum in Health Science			PRACHLS1	CTE
11-12	Program of Study: Healthcare Therapeutic	13012200	Length of Course: Year	Credit: 2	GPA Level 1
Prerequisites: Health Science Theory and Biology.				Fee Required: No	
Description: The Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.					
Exercise Science and Wellness (Sports Medicine)					
	Principles of Exercise Science & Wellness			EXSCIWL	CTE
9-10	Program of Study: Exercise Science and Wellness	N1302107	Length of Course: Year	Credit: 1	GPA Level 1
Recommended Prerequisites: None				Fee Required: No	
Description: The Principles of Exercise Science and Wellness course is designed to provide for the development of knowledge and skills in fields that assist patients with maintaining physical, mental, and emotional health. Students in this course will understand diet and exercise, as well as techniques to help patients recover from injury, illness, and disease. They will also learn about introductory health science topics such as employability skills, lifespan development, and ethical and legal standards.					
747R	Kinesiology I			KINES1	CTE
9-10	Program of Study: Exercise Science and Wellness	N1302104	Length of Course: Year	Credit: 1	GPA Level 1
Recommended Prerequisites: Lifetime Nutrition & Wellness				Fee Required: No	
Description: This course is designed to introduce students to the basic concepts of kinesiology. Students will gain an understanding of body mechanics, physiological functions of muscles and movements, the history of kinesiology, and the psychological impact of sports and athletic performance. Students will also explore careers within the kinesiology field and be able to explain the societal demand for kinesiology-related jobs. Students will develop a foundation in Kinesiology I that will prepare them for upper-level courses that will dive deeper into the anatomical and physiological functions of the body and provide opportunities for an industry-certified exam such as a certified personal trainer.					
748R	Kinesiology II			KINES2	CTE
11-12	Program of Study: Exercise Science and Wellness	N1302115	Length of Course: Year	Credit: 1	GPA Level 1
Prerequisites: Kinesiology I				Fee Required: No	
Description: The Kinesiology II course is designed to provide students an advanced level of knowledge, skills, and understanding of body composition and the effect on health, nutritional needs of physically active individuals, qualitative biomechanics, application of therapeutic modalities, appropriate rehabilitation services, and aerobic training intensity programs. The course is designed to allow students to advance their understanding of professional standards, employability skills, and ethical and legal standards. Throughout this course, students explore the healthcare/exercise business model and gain an understanding of therapeutic sports psychology. Students develop proper aerobic fitness programs and rehabilitation programs. Kinesiology II prepares students for an industry certification exam such as Certified Personal Trainer.					
661R	Career Preparation I/Extended Career Preparation			EXCAREE1	CTE
11-12	Program of Study: All	12701305	Length of Course: Year	Credit: 2 or 3	Level 1 - on level
Prerequisite: None				Fee Required: No	
Description: Extended Career Preparation provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare					

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students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.

Taylor ISD offers career and technical education programs in Health Science, Child Development, Transportation, Foods & Nutrition, Culinary, Agriculture/Mechanics, Cooperative Education, Business Information, Commercial Photography, Audio Visual and Criminal Justice. Admission to these programs is open to all students, but some courses may require a prerequisite course. It is the policy of Taylor ISD not to discriminate on the basis of race, color, national origin, sex or handicap in its vocational programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended. It is the policy of Taylor ISD not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended. Taylor ISD will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs. For information about your rights or grievance procedures, contact the Title IX Coordinator, Clarissa Rodriguez, and/or the Section 504 Coordinator, Jodi Witt, at 3101 N. Main, Ste 104, Taylor, TX 76574, 512-365-1391.