



P-TECH 4-year Plan
Associate of Science Pre-Med/Pre-Dental
Degree Code: AS.SCIENCE

School Information

ISD: Garland
Early College Program: South Garland P-TECH
Dallas College: Eastfield

Plan Last Updated: 12/8/25
Catalog Year: 2025-2026
*Class of 2029

Career Information

Certificate: PCT (Patient Care Tech)

HS Plan: Patient Care Tech

**If you need to make changes to the alignment or A/B course set up, please send an email to: Audrey Smallwood, Kathryn Kulka and A885@garlandisd.net.*

High School Courses

9 th Grade - Cohort	
English I H (10113 A/B)	Algebra I H (21213 A/B) or Algebra II H (21233 A/B)
Pre-AP World History (42117)	Biology H (33113 A/B)
AVID I (A9846 A)	Suggested: Medical Terminology (8H100)
Health	

10 th Grade - Cohort	
English II H (10123 A/B)	Algebra II H (21233 A/B)
Chemistry H (33213 A/B)	or Geometry (Accelerated Geom 21411S – 1 sem/1 credit)
Language Other Than English	or Geometry (21413 A/B)
AVID II (A9847 A/B - Recommended)	Suggested: Principles of Health Science (8H200)

11 th Grade	
Language Other Than English	Geometry (Accelerated Geom 21411S – 1 sem/1 credit)
AVID III (A9848 A/B - Recommended)	or Geometry (21413 A/B)
Suggested: Health Science Theory with Clinical (8H300)	

12 th Grade	
AVID IV (A9849 A/B - Recommended)	Suggested: Practicum in Health Science (8H400)

College Courses

9 th : Fall Semester	Spring Semester
	EDUC 1300 – Learning Framework (A2721S – MAPS DC N1130021)
	PHED 1164 – Intro to Physical Fitness (54217S – Lifetime Fitness PES00051)
	Total Credit Hours: 4

10 th : Fall Semester	Spring Semester
HIST 1301 – US History I (42107A – US History 03340100)	HIST 1302 – US History II (42107B – US History 03340100)
SPCH 1311 – Intro to Speech General Elective (10311S – Comm Applications 03241400)	MUSI 1306 – Music Appreciation (66269S – Music Appreciation 0315560) 1 sem/1 credit
	Total Credit Hours: 12

11 th : Fall Semester	Spring Semester
ENGL 1301 - Composition I (10505A – English Lang & Comp DC 03220300) <i>Must earn a grade of "C" or better</i>	*ENGL 1302 – Composition II (10505B – English Lang & Comp DC 03220300)

MATH 1314 – College Algebra (21637A – PreCalculus 03101100) <i>Must earn a grade of “C” or better</i>	MATH 1342 – Elementary Statistical Methods Math Elective (21918S – Statistics 03102530) 1 sem/1 HS credit
BIOL 1406 – Biology I (33125S – Biology I DC for Science Majors 03060300) 1 sem/1 HS credit	BIOL 1407 – Biology II (33126S – Biology II DC for Science Majors 03060310) 1 sem/1 HS credit
PSYC 2301 – General Psychology General Elective (42323S – Psychology 03350100)	ECON 2301 – Macroeconomics (42409S – Economics DC 03310300)
	Total Credit Hours: 26

12 th : Fall Semester	Spring Semester
*ENGL 2332 – World Literature (10506A – English IV 03220400)	*ENGL 2333 – World Literature General Elective (10506B – English IV 03220400)
*BIOL 2401 – Anatomy & Physiology Science Elective (8H335A – Anatomy & Physiology 13020600)	*BIOL 2402 – Anatomy & Physiology Science Elective (8H335B – Anatomy & Physiology 13020600)
GOVT 2305 – Federal Government (42222S – US Govt 03330100)	GOVT 2306 – Texas Government (42221S – TX Govt 03380032)
	Total Credit Hours: 20

Total Credit Hours: 62

*Course prerequisite required

Certificate and degree course information is based on the 2025-2026 Dallas College catalog. Programs may be revised during the academic year. Please access the official catalog for the official and most current degree and certificate information.

¹ Creative/Fine Arts Appreciation Options: See success coach for placement ARTS 1301 – Art Appreciation ARTS 1303/1304 – Art History I & II DRAM 1310 – Introduction to Theatre DRAM 2361 – History of Theater DRAM 2366 – Film Appreciation HUMA 1315 – Fine Arts Appreciation MUSI 1306 – Music Appreciation I	² MATH Options: See success coach for placement MATH 1314 – College Algebra MATH *1316 – Plane Trigonometry MATH 1324 – Math for Business & Social Science MATH 1332 – Contemporary Math I MATH 1342 – Elementary Statistical Methods MATH *1350 - Mathematics for Teachers I MATH *2412 – Pre-Calculus Math MATH *2413, *2414 – Calculus I & II
³ Life and Physical Science Options: See success coach for placement BIOL 1406, *1407 – Biology for science majors I & II BIOL 1408, 1409 – Biology for non-science majors I&II BIOL *2401, *2402 – Anatomy and Physiology I & II CHEM 1405, 1407 – Introduction to Chemistry I & II CHEM *1411, *1412 – General Chemistry I & II CHEM 2423/2425 – Organic Chemistry I & II ENVR 1401/1402 – Environmental Science I & II GEOL 1405 – Environmental Science PHYS *1401, *1402 – Algebra-based Physics I&II PHYS 1405, 1407 – Elementary Physics I&II	⁴ Behavioral/Social Sciences Options: See success coach placement BIOL 1322 – Nutrition & Diet Therapy CRIJ 1301 – Introduction to Criminal Justice CRIJ 1307 – Crime in America ECON 2301 – Macroeconomics ECON 2302 – Microeconomics HIST 2321/2322 – World Civilization I & II PHED 1304 – Personal/Community Health PSYC 2301 – General Psychology PSYC 2314 – Lifespan Growth and Development SOCI 1301 – Introduction to Sociology TECA 1354 – Child Growth and Development
⁵ Language, Philosophy, and Culture Options: See success coach for placement ENGL *2332, *2333– World Literature I & II PHIL 1301 – Intro to Philosophy PHIL 2306 – Introduction to Ethics SPAN 1411/1412 Beginning Spanish I & II SPAN *2311/*2312 – Intermediate Spanish I & II	⁶ Component Area Options: See success coach for placement BCIS 1305 – Business Computer Applications OR EDUC 1300 – Learning Frameworks AND PHED 1164 – Introduction to Physical Fitness