School: Wilson High School
Pathway Name: School of Medicine and Biotechnology
Industry Sector: Health Science and Medical Technology

Pathway Vision: Serving and innovating ethically, analytically, and responsibly.
Pathway Mission: The Wilson School of Medicine and Biotechnology fosters knowledge, skills, and values to develop informed members of society who are on the cutting edge of medicine, research, and technological solutions.

2027-2028 Course of Study
Graduating Class of 2031

		HS Grad Req.	9th grade	10th grade	11th grade	12th grade	UC/ CSU A-G Req.
Technical Core	**Required Technical Core** *3-course thematic sequence: CTE, PLTW, or Technical*	3	**Honors Principles of Biomedical Science (PLTW 3859)**		**Honors Medical Interventions (PLTW 4153)**	**Honors Biomedical Innovation (PLTW 4157)**	'g' 1
Academic Core	History/Social Science	3		Modern World History (2271) AP World History Modern (2318)	Ethnic Studies: Our American Histories (2263) AP US History (2963)	AP Gov 2234/ Personal Finance(2371) Gov 2241/Personal Finance (2371)	'a' 2
	English	4	English 1-2 Acc (1403) English 1-2 (1401)	English 3-4 (1408) AP Seminar 10 (1453)	English 5-6 (1410) AP English Language (1458)	Diverse Voices & Media Literacy (1470) AP English Literature (1449)	'b' 4

	Math	3	Algebra 1 (2986) Geometry Acc (2971)	Geometry (2970) Algebra 2 Acc (2964)	Algebra 2 (2963) Pre Calculus (3057) AP Pre Calculus (2999) Functions/Statistics/ Trigonometry (3069)	***Optional 4th year*** Functions/Statistics/ Trigonometry (3069) AP Calculus (3158) AP Statistics (3157)	'c' 3
	Lab Science	2	Medical Biology (3870)	Medical Chemistry (3871) Chemistry Honors (3832)			'd' 2
	Language Other Than English (LOTE)	1 or VAPA	ASL 1-2 French 1-2 Khmer 1-2 Spanish 1-2	ASL 3-4 French 3-4 Khmer 3-4 Spanish 3-4			'e' 2
	Visual and Performing Arts (VAPA)	1 or LOTE	Visual or Performing Art				'f' 1
	Physical Education	2	PE/Sport/Marching Band	PE/Sport/Marching Band			
Global Elective Courses	Additional courses that provide pathway enrichment	3	**27-28 Global Electives**	**27-28 Global Electives**	**27-28 Global Electives**	**27-28 Global Electives**	
Work-Based Learning	Required work-based learning opportunities		**Career Awareness** Guest speakers: (Forensic Scientist; Nurse; PTSD Expert), Career Night Career Research Career Connection Project Crime Scene Investigation	**Career Exploration** Guest Speakers: (Ted Talks, TedMed) Career Research Project Field Trip	**Career Preparation** Guest Speakers: (Researcher, Graduate Students) Mock Interviews Career Night UCI Urology Outreach Program	**Career Preparation/Training** CPR Certification OSHA Certification First Aid Certification CSULB Exercise Physiology Lab College & Trade School Research Internships Red Cross Blood Drive Volunteers	

Updated 8/26

Integrated Curriculum	Multidisciplinary Integrated Curriculum		Career Connections	Nutrition	Career Research	Blood & Blood Donations	