

ExCEL ECHS Sample Proposed Four-Year Plan for DAP High School Diploma (4x4)/Associates of Science Biotechnology

Year 1 Fall	Year 1 Spring	Year 2 Fall	Year 2 Spring	Year 3 Fall	Year 3 Spring	Year 4 Fall	Year 4 Spring
ECHS Advisory	ECHS Advisory	ECHS Advisory	ECHS Advisory	ECHS Advisory	ECHS Advisory	ECHS Research	ECHS Internship
Eng I A	Eng I B	Eng II A	Eng II A	Eng III A	Eng III B	ENGL 1301	ENGL 1302
Geom A	Geom B	Alg II A	Alg II B	MATH 1316	MATH 2312	Math 2413	Math 2414
Bio A	Bio B	Physics A	Physics B	CHEM 1411	CHEM 1412	BIOL 1406	BIOL 1407
						ECON 2301	BIOL 2421
Wrld Geo A	Wrld Geo B	Wrld Hist A	Wrld Hist B	HIST 1301	HIST 1302	GOVT 2301	GOVT 2302
ITSC 1305	ITSC 1309	ARTS 1301	ARTS 1316	SOCI 1301	PHIL 1301		
PHED 11xx	SPCH 1315	PHED 11xx	PHED 11xx				
LOTE I A	LOTE I B	LOTE II A	LOTE II B	LOTE III A	LOTE III B		

DAP High School Diploma (4x4)			
Course	Credit	HS	SJCD
Eng 1	1.0	X	
Eng 2	1.0	X	
Eng 3	1.0	X	
Eng 4	1.0		ENG 1301 / 1302
Alg I	1.0	Grade 8	
Geom	1.0	X	
Alg 2	1.0	X	
PreCal	1.0		MATH 1316 / 2312
Math 4	1.0		MATH 2413 / 2414
Bio	1.0	X	
Physics	1.0	X	
Chemistry	1.0		CHEM 1411 / 1412
Science 4	1.0		BIOL 1406 / 1407
Wrld Geo	1.0	X	
Wrld Hist	1.0	X	
US Hist	1.0		HIST 1301 / 1302
Govt	0.5		GOVT 2301
Eco	0.5		ECON 2301
Comm App	0.5		SPCH 1315
PE	1.5		PHED 11xxx
Health	0.5	Online	
Tech App (ITSC)	1.0		ITSC 1305 / 1309
Fine Art	1.0		ARTS 1301 / 1316
LOTE	3.0	X	
Elective	1.5+		
ECHS Advisory	0.0	X	
Total	26+		

SJCD Associates of Science Biotechnology		
Course	Title	Hrs
ENG 1301	Composition I	3
ENGL 1302	Composition II	3
MATH1316	College Trigonometry	3
MATH 2312	Elementary Functions	3
MATH 2413	Calculus I	3
MATH 2414	Calculus II	3
CHEM 1411	General Inorganic Chemistry I	4
CHEM 1412	General Inorganic Chemistry II	4
BIOL 1406	General Biology I	4
BIOL 1407	General Biology II	4
BIOL 2421	Introductory Microbiology (Bacteriology)	4
HIST 1301	American History Before 1877	3
HIST 1302	American History Since 1877	3
GOVT 2301	United States and Texas Politics and Constitutions	3
GOVT 2302	US and TX Government Institutions	3
ECON 2301	Principles of Macroeconomics	3
SPCH 1315	Public Speaking	3
PHED 11xx	(3 semesters) Physical Education	3
ITSC 1305	Introduction to PC Operating Systems	3
ITSC 1309	Integrated Software Applications	3
ARTS 1301	Art Appreciation	3
ARTS 1316	Drawing I	3
SOCI 1301	Introduction to Sociology	3
PHIL 1301	Introduction to Philosophy	3
	Total Hours (complete degree plan for Associate's)	78