

FBISD Universal Course Selection Worksheet

Student Name: _____ **M** **F** **Student ID #:** _____

Parent Name: _____ **Daytime Contact#:** _____

Email Address: _____

Select Your Endorsement:				
<input type="checkbox"/> STEM <input type="checkbox"/> Business & Industry <input type="checkbox"/> Public Service <input type="checkbox"/> Arts & Humanities <input type="checkbox"/> Multidisciplinary Studies				
Subject	Grade 9	Grade 10	Grade 11	Grade 12
English <i>4 credits</i>	English I EL111 English I PreAP EL112 English I	English II EL121 English II PreAP EL122 English II	English III <i>EL131 English III AP</i> EL132 English III	Advanced English <i>EL141 Eng IV AP</i> <i>EL142 Eng IV</i> <i>EL642 Eng IV DC</i> <i>EL144 College Prep ELA</i> <i>EL332 Creative Writing</i>
Math <i>4 credits</i> (Algebra II required for STEM. Algebra II is also required for Distinguished Level of Achievement and for consideration of automatic college admission for top 10%)	Algebra I MA211 Algebra I PreAP MA212 Algebra I <i>*Students who completed Alg. I in middle school should select Geometry their 9th grade year.</i> <i>*Students who completed Geometry in middle school should select Algebra II or another advanced math their 9th grade year.</i>	Geometry MA221 Geometry PreAP MA222 Geometry	Advanced Math (Algebra II Recommended) <i>MA231 Algebra II PreAP</i> <i>MA232 Algebra II</i> MA312 Math Models <i>MA556 Alg. Reasoning</i> <i>MA450 Statistics</i> <i>MA241 PreCal PreAP</i> <i>MA242 PreCal</i> <i>MA451 AP Statistics</i> <i>MA251 AP CalcAB</i> <i>MA351 AP CalcBC</i>	Advanced Math (Algebra II rec if not taken in 11 th) <i>MA231 Alg. II PreAP</i> <i>MA232 Alg. II</i> <i>MA322 AQR</i> <i>MA450 Statistics</i> <i>MA241 PreCal PreAP</i> <i>MA242 PreCal</i> <i>MA332 CollPrep Math</i> <i>MA451 AP Statistics</i> <i>MA251 AP CalcAB</i> <i>MA351 AP CalcBC</i> <i>MA662 Multivar Calc</i> <i>MA555 Coll Alg DC</i>
Science <i>4 credits</i> (Chemistry and Physics required for STEM and recommended for all students)	Biology SC321 BiologyPreAP SC322 Biology	IPC/Chem/Physics (Chem Recommended) <i>SC331 Chem PreAP</i> <i>SC332 Chem</i> SC312 IPC <i>SC342 Physics</i> <i>SC421 AP Physics I</i> <i>SC3613/SC3614 AP Chem</i>	Advanced Science (Physics Recommended) <i>SC331 Chem PreAP</i> <i>SC332 Chem</i> SC312 IPC <i>SC342 Physics</i> <i>SC421 AP Physics I</i> <i>SC3513/SC3514 AP Bio</i> <i>SC3613/SC3614 AP Chem</i> <i>CHS070 Anatomy&Phys</i> <i>CHS090 Pathophys</i> <i>SC122 Aquatic Sci</i> <i>SC431 AP Physics II</i> <i>SC3813/3814 AP Physics C</i> <i>CHS080 Med. MicroBio</i> <i>SC411 AP EnvironSci</i> <i>SC152 Astronomy</i> <i>SC391 Earth and Space</i> <i>SC112 EnvironSys</i> <i>CLP040 ForensicSci</i>	Advanced Science <i>SC331 Chem PreAP</i> <i>SC332 Chem</i> <i>SC342 Physics</i> <i>SC421 AP Physics I</i> <i>SC3513/SC3514 AP Bio</i> <i>SC3613/SC3614 AP Chem</i> <i>CHS070 Anatomy&Phys</i> <i>CHS090 Pathophys</i> <i>SC122 Aquatic Sci,</i> <i>SC431 AP Physics II</i> <i>SC3813/3814 AP Physics C</i> <i>CHS080 Med. MicroBio</i> <i>SC411 AP EnvironSci</i> <i>SC152 Astronomy</i> <i>SC391 Earth and Space</i> <i>SC112 EnvironSys</i> <i>CLP040 ForensicSci</i> <i>SC911 OrgChem</i> <i>SC921 ModPhysics</i>
Social Studies <i>3 credits</i> (World Geography and World History are recommended)	World Geo. or W. Hist SS411 W. Geo PreAP SS412 W. Geo SS422 W. Hist	World Geo. or W. Hist SS411 W. Geo PreAP SS412 W. Geo <i>SS424 W. Hist AP</i> SS422 W. Hist	U.S. History <i>SS431 US Hist AP</i> SS432 US Hist <i>SS436 US Hist DC</i>	Gov/Eco <i>SS4421/SS4422 Gov</i> <i>SS4411/SS4412 Gov AP</i> <i>SS4461/SS4462 Gov DC</i> <i>SS5611/SS5612 APCompGov&Pol</i> <i>SS4521/SS4522 Eco</i> <i>SS4561/SS4562 Eco DC</i> <i>SS4511/SS4512 MacroEco AP</i> <i>SS4571/SS4572 MicroEco AP</i>
Speech .5 credit (FBISD req.)	CAT380 ProfCom OR CAT381 ProfComm DC			
Health .5 credit (FBISD req.)	PH0111/PH0112 Health			

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World Language (2 credits; level 1 and level 2 required)	Level 1 FL112 Span I FL212 French I FL312 German I FL412 Latin I FL512 Japanese I FL612 Chinese I FL712 Am Sign Lang I	Level 2 FL122 Spanish II FL222 French II FL322 German II FL422 Latin II FL522 Japanese II FL622 Chinese II FL722 Am Sign Lang II	Level 3 <i>FL132 Spanish III</i> <i>FL131 Span III PreAP</i> <i>FL232 French III</i> <i>FL231 French III PreAP</i> <i>FL332 German III</i> <i>FL331 German III PreAP</i> <i>FL432 Latin III</i> <i>FL431 Latin III PreAP</i> <i>FL532 Japanese III</i> <i>FL531 Jap III PreAP</i> <i>FL632 Chinese III</i> <i>FL631 Chin III PreAP</i> <i>FL732 Am Sign Lang III</i>	Level 4 and beyond <i>FL141 AP Sp Lang</i> <i>FL151 AP Span Lit</i> <i>FL241 AP French Lang</i> <i>FL341 AP German Lang</i> <i>FL441 AP Latin</i> <i>FL541 AP Jap Lang</i> <i>FL641 AP Chin Lang</i> <i>FL651 Chinese V</i>
	FL1021/FL1022 Span for NativeSpks (credit for levels I& II)	FL311/FL321 German I&II DC (credit for levels I&II)	<i>FL531 Jap III PreAP</i>	
	FL602/FL603 Chinese for ChinSpks (credit for levels I&II)	FL711/FL721 AmSignLang I&II DC (credit for levels I&II)	<i>FL732 Am Sign Lang III</i>	
Fine Arts 1 Credit	FA013 Art I FB113 Band I FB212 Color Guard I	FD113 Princ of Dance I FT113 Theater Arts I FB512 Jazz Ensemble I	FC212 Choral Music I FO212 Orchestra I CAG190 Floral Design	These courses may count as the first course in the Arts and Humanities Endorsement-Fine Arts Option
PE 1 credit	Boys PH1111 Found of Fitness (sem) PH1231 Ind&Team Sports (1 st sem) PH1332 Ind&Team Sports (2 nd sem) FD113 Princ of Dance 1 RO111 ROTC I		Girls PH1131 Found of Fitness (sem) PH2231 Ind&Team Sports (1 st sem) PH2232 Ind&Team Sports (2 nd sem) FD113 Princ of Dance 1 RO111 ROTC I	
Athletics (PE credit)	<ul style="list-style-type: none"> • Students must select both course numbers listed (full year) • Students are not guaranteed a spot on the team by signing up for the class. • The coach of the sport will determine final enrollment in athletics. • Students who do not make the team will be placed in PE. <p>See campus website for coach contact information.</p>			
	First Year	Second Year	Third Year	Fourth Year
Boys Baseball	PS1131/PS1132 Baseball	PS1231/PS1232 Baseball	PS1621/PS1622 Baseball	PS1631/PS1632 Baseball
Boys Basketball	PB1131/PB1132Basketball	PB1231/PB1232Basketball	PB1621/PB1622Basketball	PB1631/PB1632Basketball
Boys Football	PF1131/PF1132 Football	PF1231/PF1232 Football	PF1621/PF1622Football	PF1631/PF1632Football
Boys Golf	PG1131/PG1132 Golf	PG1231/PG1232 Golf	PG1621/PG1622 Golf	PG1631/PG1632 Golf
Boys Soccer	PO1131/PO1132 Soccer	PO1231/PO1232 Soccer	PO1621/PO1622 Soccer	PO1631/PO1632 Soccer
Boys Swim	PW1131/PW1132SwimAM PW1133/PW1134SwimPM	PW1231/PW1232SwimAM PW1233/PW1234SwimPM	PW1621/PW1622SwimAM PW1623/PW1624SwimPM	PW1631/PW1632SwimAM PW1633/PW1634SwimPM
Boys Tennis	PT1131/PT1132 Tennis	PT1231/PT1232 Tennis	PT1621/PT1622 Tennis 3	PT1631/PT1632 Tennis
Boys Track	PR1131/PR1132 Track	PR1231/PR1232 Track	PR1621/PR1622 Track	PR1631/PR1632 Track
Boys Cross Country	PC1131/PC1132CrossCntry	PC1231/PC1232CrossCntry	PC1621/PC1622CrossCntry	PC1631/PC1632CrossCntry
Girls Basketball	PB2131/PB2132Basketball	PB2231/PB2232Basketball	PB2621/PB2622 Basketball	PB2631/PB2632Basketball
Girls Golf	PG2131/PG2132 Golf	PG2231/PG2232 Golf	PG2621/PG2622 Golf	PG2631/PG2632 Golf
Girls Soccer	PO2131/PO2132 Soccer	PO2231/PO2232 Soccer	PO2621/PO2622 Soccer	PO2631/PO2632 Soccer
Girls Softball	PS2131/PS2132 Softball	PS2231/PS2232 Softball	PS2621/PS2622 Softball	PS2631/PS2632 Softball
Girls Tennis	PT2131/PT2132 Tennis	PT2231/PT2232 Tennis	PT2621/PT2622Tennis	PT2631/PT2632Tennis
Girls Swim	PW2131/PW2132SwimAM PW2133/PW2134SwimPM	PW2231/PW2232SwimAM PW2233/PW2234SwimPM	PW2621/PW2622SwimAM PW2623/PW2624SwimPM	PW2631/PW2632SwimAM PW2633/PW2634SwimPM
Girls Track	PR2131/PR2132 Track	PR2231/PR2232 Track	PR2621/PR2622 Track	PR2631/PR2632 Track
Girls Volleyball	PV2131/PV2132 Volleyball	PV2231/PV2232 Volleyball	PV2621/PV2622 Volleyball	PV2631/PV2632 Volleyball
Girls Cross Country	PC2131/PC2132CrossCntry	PC2231/PC2232CrossCntry	PC2621/PC2622CrossCntry	PC2631/PC2632CrossCntry
Endorsement Pathway Options and Electives				
STEM				
Pathway Option	First Year	Second Year	Third Year	Fourth Year
Engineering	CST190 Intro to Engineering Design	<i>CST200 Engineering Science</i>	<i>CST220 Civil Engineering and Architecture</i>	<i>CST270 Engineering Design and Development</i>
Programming and Software Dev NonAP	CST280 Fund. of Comp Sci	CIT080 Computer Program I	<i>CST330 Mobile App Devel</i>	<i>CIT090 Computer Program II</i>
Programming and Software Dev AP	CST290 CompSci I PreAP	CST300 AP CompSci Principles	<i>TA520 and TA521 AP Comp Sci A 2 CR</i>	<i>CST350 CompSci III</i>
Math or Science	Students may earn a STEM endorsement by completing 5 credits in math or 5 credits in science. Algebra II, Chemistry, and Physics are required for ALL STEM endorsements.			

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Business and Industry - CTE				
<i>*Courses at Reese Career and Technical Center (*RCTC) require a completed student application and acceptance into the program.</i>				
Pathway Option	First Year	Second Year	Third Year	Fourth Year
Animal Science	CAG010 Prin of Ag, Food, & Nat Resources	CAG030 Small Animal Sci .5 AND CAG040 Equine Sci .5	CAG020 Livestock Prod	CAG060 Adv. Animal Science OR CAG320 Vet Med Applications+Lab 2 CR (*RCTC)
Architectural Design	CAC010 Prin of Architecture	CAC070 Architectural Des I	CAC080 Architectural Des II 2 CR	CTE520 Career Prep I 2 CR (**RCTC)
HVAC & Sheet Metal			CAC020 Prin of Construction and CAC240 HVAC I (*RCTC)	CAC250 HVAC II 2 CR (*RCTC)
Electrical			CAC020 Prin of Construction and CAC220 Electrical I (*RCTC)	CAC230 Electrical II 2 CR (*RCTC)
Plumbing & Pipefitting			CAC020 Prin of Construction and CAC260 Plumbing I (*RCTC)	CAC270 Plumbing II 2 CR (*RCTC)
Digital Communications	CAT010 Prin of Arts, A/V Tech, & Communications	CAT090 Audio/Video Prod I + Lab 2 CR (*RCTC)	CAT110 Audio/Video Prod II + Lab 2 CR (*RCTC)	
Business Management	CBU010 Principles of Business, Marketing, and Finance	CBU030 Business Info Mgmt I	CBU100 Business Mgmt	CTE520 Career Prep I 2 CR (*RCTC)
Marketing and Sales	CBU010 Principles of Business, Marketing, and Finance	CBU030 Business Info Mgmt I	CMA040 Sports and Entertainment Marketing .5 CR AND CMA010 Advertising .5 CR	CTE520 Career Prep I 2 CR (*RCTC)
Culinary Arts		CHT030 Culinary Arts 2 CR (*RCTC)	CHT040 Advanced Culinary Arts 2 CR (*RCTC)	CHT050 Practicum in Culinary Arts 2 CR (*RCTC)
Networking Systems		CIT010 Principles of Info Tech AND CIT030 Computer Maint. + Lab 2 CR (*RCTC)	CIT050 Networking + Lab 2 CR (*RCTC)	
Welding			CMN020 Intro to Welding (*RCTC) AND CMN030 Welding I 2 CR (*RCTC)	CMN040 Welding II 2 CR (*RCTC)
Automotive		CTD090 Automotive Tech I 2 CR (*RCTC)	CTD100 Automotive Tech II 2 CR (*RCTC)	CTE520 Career Prep I 2 CR (*RCTC)
Diesel and Heavy Equip		CTD170 Diesel Equip Tech I 2 CR (*RCTC)	CTD180 Diesel Equip Tech II 2CR (*RCTC)	CTE520 Career Prep I 2 CR (*RCTC)
Business and Industry - English				
Pathway Option	First Year	Second Year	Third Year	Fourth Year
Journalism/ Yearbook		EY112 Yearbook Prod. I	EY122 Yearbook Prod. II	EY132 Yearbook Prod. III OR EJ142 Independent Study in Journ
Journalism/ Newspaper	EP113 Photojournalism OR EJ 113 Journalism	EN112 Newspaper I	EN122 Newspaper II	EN132 Newspaper III OR EJ142 Independent Study in Journ
Journalism/ Broadcast		EB112 Broadcast I	EB122 Broadcast II	EB132 Broadcast III OR EJ142 Independent Study in Journ
English/Debate	ED112 Debate	ED122 Debate II	ED132 Debate III	(English IV completes this pathway.)
Public Service				
<i>*Courses at Reese Career and Technical Center (*RCTC) require a completed student application and acceptance into the program.</i>				
Pathway Option	First Year	Second Year	Third Year	Fourth Year
Teaching and Training	CET010 Principles of Education and Training	CET020 Human Growth and Development	CET030 Instructional Practices 2 CR (*RCTC)	CET040 Practicum in Education and Training 2 CR (*RCTC)
Healthcare Therapeutics	CHS010 Principles of Health Sci	CHS020 Medical Terminology	CHS070 Anatomy & Phys	CHS030 Health Science Theory OR CHS050 Practicum in Health Sci 2 CR (*RCTC)
Cosmetology			CHU110 Principles of Cosm. Design & Color Theory (*RCTC) AND CHU130 Cosmetology I 2 CR (*RCTC)	CHU140 Cosmetology II 2 CR (*RCTC)
Family and Community Services	CHU010 Principles of Human Services	CET020 Human Growth and Development	CHU050 Counseling and Mental Health	CHU080 Family and Community Services
JROTC	RO111 JROTC I	RO121 JROTC II	RO132 JROTC III	RO142 JROTC IV

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Pathway Option	First Year	Second Year	Third Year	Fourth Year
Emergency Services			CLP130 Disaster Response (*RCTC) AND CLP140 EMT Basic 2 CR (*RCTC)	CLP090 Firefighter I 2 CR (*RCTC)
Law Enforcement	CLP010 Principles of Law, Public Safety, Corrections, and Security	CLP020 Law Enforcement I	CLP050 Criminal Investigations (*RCTC) AND CLP030 Law Enforcement II (*RCTC)	
Arts and Humanities				
Pathway Option	First Year	Second Year	Third Year	Fourth Year
Drawing	FA013 Art I	FA121 ART II - Drawing 1	FA132 ART III - Drawing 2	FA142 ART IV - Drawing 3 OR FA811 AP Drawing Portfolio
Painting		FA223 ART II - Painting 1	FA232 ART III - Painting 2	FA242 ART IV - Painting 3 OR FA611AP 2D Design Portfolio
Ceramics		FA323 ART II - Ceramics 1	FA332 ART III - Ceramic 2	FA342 ART IV - Ceramics 3 OR FA711AP 3D Design Portfolio
Sculpture		FA423 ART II - Sculpture 1	FA432 ART II - Sculpture 2	FA442 ART IV - Sculpture 3 OR FA711AP 3D Design Portfolio
Digital Art & Media		FA623 ART II - Digital Art & Media 1	FA624 ART III - Digital Art & Media 2	FA625 ART IV - Digital Art & Media 3 OR FA611AP 2D Design Portfolio
Band	FB113 Band 1	FB123 Band 2	FB133 Band 3	FB143 Band 4
Orchestra	FO212 Orch 1	FO222 Orch 2	FO232 Orch 3	FO242 Orch 4
Color Guard	FB212 Color Guard 1	FB222 Color Guard 2	FB232 Color Guard 3	FB242 Color Guard 4
Choir	FC212 Choral Music 1	FC222 Choral Music 2	FC232 Choral Music 3	FC242 Choral Music 4
Theater	FT113 Theater I	FT123 Theater II	FT132 Theater III	FT142 Theater IV
Technical Theater		FT223 Tech Theater I	FT232 Tech Theater II	FT242 Tech Theater III
Theater Production		FT323 Theater Prod I	FT332 Theater Prod II	FT342 Theater Prod III
Dance	FD113 PrinofDance 1	FD123 PrinofDance 2	FD133 PrinofDance 3	FD143 PrinofDance 4
Dance Team (audition req)	FD113 PrinofDance 1 OR FD212 DanceTeam 1	FD222 DanceTeam 2	FD232 DanceTeam 3	FD242 DanceTeam 4
World Language	Students may take 4 years of the same language or 2 years of lang. 1 and 2 years of lang. 2. See World Language Section for Options.			
Social Studies	Students may take 5 credits of Social Studies to earn this endorsement. Credits <u>must</u> include W. Geo or W. Hist, US Hist, and Gov/Eco. Two additional credits may be selected from:			
	SS532 Persand FinLiteracy	SS5121/5122 Psychology	SS4351/4352 AP Human Geo	SS9221/SS9222 SpTopics1/SpTopics2
	SS5221/5222 Sociology	SS5111/5112 AP Psych	SS591 AP European Hist	SS5821/SS5822 SpTopics3/SpTopics4
	SS523 Sociology DC	SS513 Psych DC		
Multidisciplinary				
Students may select a variety of electives to satisfy this endorsement. Students may complete the 4x4 (must include Eng IV and Chem or Physics), or complete 4 credits in AP or dual credit courses.				
AVID				
AVID	AV112 AVID1	AV122 AVID 2	AV132 AVID 3	AV142 AVID 4
Additional Electives Not Part of an Endorsement Pathway				
FA911 Art Hist AP*	FM111 Music Appr*	LS112 PALS 1* .5 CR	GT111 GT Mentorship*	Non-Credit Courses (12th gr only) NC110 Off Aide** NC010 1st per Off Camp** NC020 2nd per OffCamp** NC060 6thper Off Camp** NC070 7th per Off Camp**
FM122 AP Music Theory*	FC312 Vocal Ensemble I	LS122 PALS 2* .5 CR	9GA01 Global Studies Capstone* (Academy Only)	
FB 512 Jazz Ensemble I*	FC322 Vocal Ensemble II	LS133 StudLeader(STUCO)*	CBU020 Touch SysDataEnt	
FB522 Jazz Ensemble II	FC332 Vocal Ensemble III	LP100 AP Seminar	CFI030 Securities and Investments	
FB532 Jazz Ensemble III	FC342 Vocal Ensemble IV	LP201 AP Research	EL411 Humanities	
FB542 Jazz Ensemble IV		LP111 College Transitions DC		
Jazz Ensemble and Vocal Ensemble not at all campuses. *Fine Arts Credit		*Contact campus sponsor for these programs for more information.		