

Williamsburg Technical College

Transfer Articulation Agreement

800 University Way, Spartanburg, SC 29303 864-503-5246 * 1-800-277-8727 * (fax) 864-503-5727 admissions@uscupstate.edu * www.uscupstate.edu

Bachelor of Science in Secondary Education - Chemistry

English ENGL U101, U102 6 ENG 101, 102 Speech SPC-10201, U201R 3 SPC 205 III. Mathematics SPC 10201, U201R 3-4 MAT 103, 109, 110, 1111, 130, 140, 141, 211, 220 Natural Sciences ASTR 011111, BIOL U102L, U102L, U102L, U122,	USC Upstate		Credits	Williamsburg Technical College Recommended course transfer equivalencies**	
Speech SPCH U201, U201R 3 SPC 205 III, Mathematics Mathematics, Logic, & Natural Sciences Mathematics Mathematics <th colspan="5">I. Communication</th>	I. Communication				
II. Mathematics Mathematics Mathematics Mathematics Mathematics Astro Ullial, Ullia	English	ENGL U101, U102	6	ENG 101, 102	
Mathematics MAT H0120, U121, U122, U126, U127, U141, U142. 3-4 MAT 103, 109, 110, 111, 130, 140, 141, 211, 220 Natural Science ASTR U11114, EIOL U101/L, U102L, U110L, U122L, EGOG U2014, EGOL U101/L, U102L, U102L, U121. 4 AST 101; BIO 101, 102, 105, 216; CHM 105, 106, 107, 110, 111; PHS 101; PHY 201, 202, 221, 222 Math, Logic and/or Natural Science Argaditional MATH course from those lised above or ASTR U111; BIOL U206, U202, U201, U121, U120. 3-4 AST 101; BIO 101, 102, 105, 216; CHM 105; BEOG U202, GEOL U104, U120, U270; CHEM U106; GEOG U202, GEOL U104, U120, U270; CHEM U106; GEOG U202, GEOL U104, U120, U270; CHEM U106; GEOG U202, GEOL U104, U120, U121, U131, U241; PHY SU 101 3-4 AST 101; CHM 107; PHS 101 III. Information Technology	Speech	SPCH U201, U201R	3	SPC 205	
Mathematics MAT H0120, U121, U122, U126, U127, U141, U142. 3-4 MAT 103, 109, 110, 111, 130, 140, 141, 211, 220 Natural Science ASTR U11114, EIOL U101/L, U102L, U110L, U122L, EGOG U2014, EGOL U101/L, U102L, U102L, U121. 4 AST 101; BIO 101, 102, 105, 216; CHM 105, 106, 107, 110, 111; PHS 101; PHY 201, 202, 221, 222 Math, Logic and/or Natural Science Argaditional MATH course from those lised above or ASTR U111; BIOL U206, U202, U201, U121, U120. 3-4 AST 101; BIO 101, 102, 105, 216; CHM 105; BEOG U202, GEOL U104, U120, U270; CHEM U106; GEOG U202, GEOL U104, U120, U270; CHEM U106; GEOG U202, GEOL U104, U120, U270; CHEM U106; GEOG U202, GEOL U104, U120, U121, U131, U241; PHY SU 101 3-4 AST 101; CHM 107; PHS 101 III. Information Technology	II. Mathemati	ics, Logic, & Natural Sciences			
Natural Science CHEM U1014, U1084, U1034, U113U, U13CH, U113U, GEOG 4 AST 101; BiO 101, 102, 105, 216; CHM 105, 106,107, 110, 111; PHS 101; L2011, U2020, U201, U2021, U212, U103L; PHYS U101L, U2011, U2020, U201, U212, U103L; PHYS U101L, U2011, U2020, U201, U212, U103L; U121, U131, U241; PHS 101; CHM 107; PHS 101 Math, Logic and/or Natural Science Course from those listed above or AST 101; CHM 107; PHS 101 3.4 AST 101; CHM 107; PHS 101 Science Any additional MATH course from those listed above or PHYS U101 3.4 AST 101; CHM 107; PHS 101 V. Fine Arts, Humanities & History Choose one course from each of the following two sections. ARTH 101, 107, 108; MUS 105; THE 101, 105 History HIST 101, U102, U106, MUSC U110, U140; 3 ART 101, 107, 108; MUS 105; THE 101, 105 History HIST 101, U102, U106, MUSC U110, U140; 3 ART 101, 107, 108; MUS 105; THE 101, 105 History HIST 101, U102, U106, MUSC U110, U140; 3 ART 101, 107, 108; MUS 105; THE 101, 105 History HIST 101, U102, U108, MUSC U110, U140; 3 ART 101, 107, 108; MUS 105; THE 101, 105 History HIST 101, U102, EREN U101; GERM U101; 3 FRE 101; GER 101; SPA 101 Science PSV U101; CHIN U101; FREN U101; GERM U101; 3 FRE 101; GER 101; SPA 101 VI. Social and Education course or courses PSY 201, SOC 101 and either ECO 210 or 211 Science PSV U101; SO	Mathematics	MATH U120, U121, U122, U126, U127, U141, U142,	3-4	MAT 103, 109, 110, 111, 130, 140, 141, 211, 220	
Math., Logic and/or Natural Science AST RU111: BIOL U206, U202, GEOL U104, U120, U121, U131, U241; PHYS U101 3-4 AST 101; CHM 107; PHS 101 III. Information Technology 3 CPT 170 III. Information ECSCI U138, U150; INFO U101 3 CPT 170 IV. Fine Arts, Humanities & History Choose one course from each of the following two sections. ART H010, U105; U106; MUSC U110, U140; THEA U161, U170 3 ART 101, 07, 108; MUS 105; THE 101, 105 History HIST U101, U102, U106; MUSC U110, U140; THEA U161, U170 6 HIS 104, 105 V. Foreign Language and Culture The minimum acceptable level of completion of the 101 level of a language. Students who place in the 102 or higher level of a language satisfy the language requirement but will have a diftional hours in general education electives, if hours are required by their degree program. Foreign Language ASLG U101; CHIN U101; FREN U101; GERM U101; SPAN U101 3 FRE 101; GER 101; SPA 101 VI. Social and Behavioral Sciences 9 PSY 201, SOC 101 and either ECO 210 or 211 Science PSY CU 101; SOCY U101 and either ECON U221 or U222 9 PSY 201, SOC 101 and either ECO 210 or 211 VII. General Ed. Electives Choose from the options below if hours are required in the major. Electives Professional Professional Education EDFO U200, U270, U3	Natural Science (w/lab)	CHEM U101/L, U106/L, U109/L, U111/L, U112/L; GEOG U201/L; GEOL U101/L, U102/L, U103/L; PHYS U101/L,	4		
Info Tech CSCI U138, U150; INFO U101 3 CPT 170 IV. Fine Arts, Humanities & History Choose one course from each of the following two sections. Fine Arts ARTH U101, U105, U106; MUSC U110, U140; THEA U161, U170 3 ART 101, 107, 108; MUS 105; THE 101, 105 History HIST U101, U102 6 HIS 104, 105 V. Foreign Language and Culture The minimum acceptable level of competency is completion of the 101 level of a language. Students who place in the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program. Foreign Language ASLG U101; CHIN U101; FREN U101; GERM U101; SPAN U101 3 FRE 101; GER 101; SPA 101 VI. Social and Behavioral Science PsYC U101; SOCY U101 and either ECON U221 or U222 9 PSY 201, SOC 101 and either ECO 210 or 211 VII. General Ed. Electives Choose from the optons below if hours are required in the major. General Ed. Electives Ary General Education course or courses 9 Professional Education EDF 01200, U210, U341; EDSC U333, U344, U440, U442, U443, U443, U443, U445, U450, U481, U485; EDRE U418 44 EDU 230; ECD 107 Content Concentration CHEM U111, U112, U321/L, U331/L, U332/L, U541/L, U581 54 CHM 110, 111 S	Math, Logic and/or Natural Science	ASTR U111; BIOL U206, U240, U270; CHEM U106; GEOG U202; GEOL U104, U120, U121, U131, U241;	3-4	AST 101; CHM 107; PHS 101	
IV. Fine Arts Humanities & History Choose one course from each of the following two sections. Fine Arts ARTH U101, U105, U106; MUSC U110, U140; THEA U161, U170 3 ART 101, 107, 108; MUS 105; THE 101, 105 History HIST U101, U102, U106; MUSC U110, U140; THEA U161, U170 6 HIS 104, 105 V. Foreign Language and Culture 6 HIS 104, 105 The minimum acceptable level of competency is completion of the 101 level of a language. Students who place in the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives. If hours are required by their degree program. Foreign ASLG U101; CHIN U101; FREN U101; GERM U101; SPAN U101 3 FRE 101; GER 101; SPA 101 VI. Social and Behavioral Sciences Social & Behavioral Science PSYC U101; SOCY U101 and either ECON U221 or U222 9 PSY 201, SOC 101 and either ECO 210 or 211 VII. General Ed. Electives Choose from the options below if hours are required in the major. General Education Professional Professional EDU 200, U210, U341; EDSC U333, U344, U440, U442, U443, U445, U450, U481, U485; EDRE U418 44 EDU 230; ECD 107 Content Content Concentration CHIM 110, 111 Supporting CHIM 110, 111 Supporting MATH U241; CHEM Elective 7 CHM 105, 106; MAT	III. Information Technology				
Fine ArtsARTH U101, U105, U106; MUSC U110, U140; THEA U181, U1703ART 101, 107, 108; MUS 105; THE 101, 105HistoryHIST U101, U1026HIS 104, 105V. Foreign Language and CultureThe minimum acceptable level of completency is completion of the 101 level of a language. Students who place in the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.Foreign LanguageASLG U101; CHIN U101; FREN U101; GERM U101; SPAN U1013FRE 101; GER 101; SPA 101VI. Social and Behavioral ScienceBycy U101; SOCY U101 and either ECON U221 or U22299PSY2 201, SOC 101 and either ECO 210 or 211VII. General Ed. ElectivesAny General Education course or courses9PSY2 201, SOC 101 and either ECO 210 or 211VII. General Ed. ElectivesAny General Education course or courses9Professional EducationEDFO U200, U210, U341; EDSC U333, U344, U440, U442, U443, U445, U450, U481, U485; EDRE U41844EDU 230; ECD 107Content ConcentrationCHM 111, U112, U321/L, U331/L, U332/L, U541/L, U88154CHM 110, 111Supporting CoursesMaTH U241; CHEM Elective7CHM 105, 106; MAT 240	Info Tech	CSCI U138, U150; INFO U101	3	CPT 170	
Fine ArtsARTH U101, U105, U106; MUSC U110, U140; THEA U181, U1703ART 101, 107, 108; MUS 105; THE 101, 105HistoryHIST U101, U1026HIS 104, 105V. Foreign Language and CultureThe minimum acceptable level of completency is completion of the 101 level of a language. Students who place in the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.Foreign LanguageASLG U101; CHIN U101; FREN U101; GERM U101; SPAN U1013FRE 101; GER 101; SPA 101VI. Social and Behavioral ScienceBycy U101; SOCY U101 and either ECON U221 or U22299PSY2 201, SOC 101 and either ECO 210 or 211VII. General Ed. ElectivesAny General Education course or courses9PSY2 201, SOC 101 and either ECO 210 or 211VII. General Ed. ElectivesAny General Education course or courses9Professional EducationEDFO U200, U210, U341; EDSC U333, U344, U440, U442, U443, U445, U450, U481, U485; EDRE U41844EDU 230; ECD 107Content ConcentrationCHM 111, U112, U321/L, U331/L, U332/L, U541/L, U88154CHM 110, 111Supporting CoursesMaTH U241; CHEM Elective7CHM 105, 106; MAT 240	IV. Fine Arts.	Humanities & History Choose one co	urse from	each of the following two sections.	
V. Foreign Language and Culture The minimum acceptable level of competency is completion of the 101 level of a language. Students who place in the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program. Foreign Language ASLG U101; CHIN U101; FREN U101; GERM U101; SPAN U101 3 FRE 101; GER 101; SPA 101 VI. Social and Behavioral Sciences Social & Behavioral Sciences 9 PSY 201, SOC 101 and either ECO 210 or 211 VII. General Ed. Electives Choose from the options below if hours are required in the major. 9 PSY 201, SOC 101 and either ECO 210 or 211 VII. General Ed. Electives Any General Education course or courses 9 Professional Education EDFO 1020, U210, U341; EDSC U333, U344, U440, U442, U442, U443, U445, U445, U445, U441, U485; EDRE U418 44 EDU 230; ECD 107 Content Ococentration CHEM U111, U112, U321/L, U331/L, U332/L, U541/L, 54 CHM 110, 111 Supporting Courses MATH U241; CHEM Elective 7 CHM 105, 106; MAT 240	Fine Arts	ARTH U101, U105, U106; MUSC U110, U140;			
The minimum acceptable level of competency is completion of the 101 level of a language. Students who place in the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program. Foreign Language ASLG U101; CHIN U101; FREN U101; GERM U101; SPAN U101 3 FRE 101; GER 101; SPA 101 VI. Social and Behavioral Sciences Social & Behavioral Sciences 9 PSY 201, SOC 101 and either ECO 210 or 211 Social & Behavioral Sciences PSYC U101; SOCY U101 and either ECON U221 or U222 9 PSY 201, SOC 101 and either ECO 210 or 211 VI. General Ed. Electives Any General Education course or courses 9 Professional Education EDFO U200, U210, U341; EDSC U333, U344, U440, U442, U442, U443, U445, U445, EDRE U418 44 EDU 230; ECD 107 Content Concentration CHEM U111, U112, U321/L, U331/L, U332/L, U541/L, 54 CHM 110, 111 Supporting Courses 7 CHM 105, 106; MAT 240	History	HIST U101, U102	6	HIS 104, 105	
Social & Behavioral SciencePSYC U101; SOCY U101 and either ECON U221 or U2229PSY 201, SOC 101 and either ECO 210 or 211VII. General Ed. Electives Choose from the options below if hours are required in the major.9PSY 201, SOC 101 and either ECO 210 or 211General Ed. ElectivesAny General Education course or courses1Professional EducationEDFO U200, U210, U341; EDSC U333, U344, U440, U442, U443, U445, U450, U481, U485; EDRE U41844EDFO U200, U210, U311; EDSC U333, U344, U440, U442, U443, U445, U450, U481, U485; EDRE U41844Content ConcentrationCHEM U111, U112, U321/L, U331/L, U332/L, U541/L, U58154Content ConcentrationCHEM U111, U112, U321/L, U331/L, U332/L, U541/L, U58154Supporting CoursesMATH U241; CHEM Elective7CHM 105, 106; MAT 240		but will have additional hours in general education elective ASLG U101; CHIN U101; FREN U101; GERM U101;	es, if hours a	re required by their degree program.	
Social & Behavioral SciencePSYC U101; SOCY U101 and either ECON U221 or U2229PSY 201, SOC 101 and either ECO 210 or 211VII. General Ed. Electives Choose from the options below if hours are required in the major.9PSY 201, SOC 101 and either ECO 210 or 211General Ed. ElectivesAny General Education course or courses1Professional EducationEDFO U200, U210, U341; EDSC U333, U344, U440, U442, U443, U445, U450, U481, U485; EDRE U41844EDFO U200, U210, U311; EDSC U333, U344, U440, U442, U443, U445, U450, U481, U485; EDRE U41844Content ConcentrationCHEM U111, U112, U321/L, U331/L, U332/L, U541/L, U58154Content ConcentrationCHEM U111, U112, U321/L, U331/L, U332/L, U541/L, U58154Supporting CoursesMATH U241; CHEM Elective7CHM 105, 106; MAT 240	VI. Social an	d Behavioral Sciences			
Choose from the options below if hours are required in the major. General Ed. Electives Any General Education course or courses Professional EDFO U200, U210, U341; EDSC U333, U344, U440, U442, U443, U445, U450, U481, U485; EDRE U418 Content Concentration Content Concentration CHEM U111, U112, U321/L, U331/L, U332/L, U541/L, U581 Supporting Courses Supporting Courses MATH U241; CHEM Elective 7 CHM 105, 106; MAT 240	Social & Behavioral Science	PSYC U101; SOCY U101 and either ECON U221 or	9	PSY 201, SOC 101 and either ECO 210 or 211	
General Ed. Electives Any General Education course or courses Professional Education Education Professional Education EDFO U200, U210, U341; EDSC U333, U344, U440, U442, U443, U445, U450, U481, U485; EDRE U418 44 EDU 230; ECD 107 Content Content Concentration CHEM U111, U112, U321/L, U331/L, U332/L, U541/L, U581 54 CHM 110, 111 Supporting Courses MATH U241; CHEM Elective 7 CHM 105, 106; MAT 240					
Professional Education EDFO U200, U210, U341; EDSC U333, U344, U440, U442, U443, U445, U450, U481, U485; EDRE U418 44 EDU 230; ECD 107 Content Concentration CHEM U111, U112, U321/L, U331/L, U332/L, U541/L, U581 54 CHM 110, 111 Supporting Courses MATH U241; CHEM Elective 7 CHM 105, 106; MAT 240	General Ed. Electives	Any General Education course or courses			
Education U442, U443, U445, U450, U481, U485; EDRE U418 44 EDU 230; ECD 107 Content Concentration CHEM U111, U112, U321/L, U331/L, U332/L, U541/L, U581 54 CHM 110, 111 Supporting Courses MATH U241; CHEM Elective 7 CHM 105, 106; MAT 240	Professional				
Content Concentration CHEM U111, U112, U321/L, U331/L, U332/L, U541/L, U581 54 CHM 110, 111 Supporting Courses MATH U241; CHEM Elective 7 CHM 105, 106; MAT 240	Professional Education	U442, U443, U445, U450, U481, U485; EDRE U418	44	EDU 230; ECD 107	
Concentration U581 54 CHM 110, 111 Supporting Courses Supporting Courses CHM 105, 106; MAT 240 Supporting Courses 7 CHM 105, 106; MAT 240					
Supporting Courses MATH U241; CHEM Elective 7 CHM 105, 106; MAT 240	Content Concentration		54	CHM 110, 111	
Supporting Courses MATH U241; CHEM Elective 7 CHM 105, 106; MAT 240	Supporting Courses				
Total USC Upstate hours required for graduation122	Supporting Courses		7	CHM 105, 106; MAT 240	
	Total USC Uns	tate hours required for graduation	122		

** Please refer to the transfer guide in the USC Upstate catalog, pages 22-23 at http://www/uscupstate.edu/academics/catalog for complete transfer options.