COLUMBUS STATE UNIVERSITY

APPENDICES

Appendix I: CSU Demographics of FYFT Students (2020)

Demographic	Percentage		
First Generation	28.3%		
Pell Recipient	53.3%		
Adult Student	3.7%		
Female	62.0%		
Black or African American	49.6%		
Hispanic or Latino	8.6%		
White	32.9%		

Appendix II: Eight Academic Focus Area Maps For Students Still Deciding on a Major And with Fewer than 30 Hours (1 Year) of Credits

Academic Focus Area: Computer Science, Math, or Science

Related majors:

- Biology (BA, BA Secondary Education Track, BS)
- Chemistry (BA Biochemistry Track, BA Secondary Education, BS, BS ACS Certified Track, BS Food Science Track, BS Forensics Track)
- Computer Science (BS Applied Computing Track, BS Cybersecurity Track, BS Education Track, BS Games Programming Track, BS Software Systems Track)
- Earth and Space Science (BS Astrophysics and Geology Track, BS Environmental Science Track, BS Geology Track, BS Secondary Education Track)
- Information Technology (BS)
- Mathematics (BA, BS, BS Applied Math Concentration, BS Secondary Education Concentration)

First Semester (17 hrs.)	Second Semester (14-18 hrs.)
ENGL 1101 English Composition 1 (with	ENGL 1102 English Composition 2 (with grade
grade of C or better)	of C or better)
Select one Area A Math course*:	Select one Area D Math course:
MATH 1113 Pre-calculus or	• STAT 1127 Intro Statistics (Biology,
MATH 1131 Calculus with	Computer Science, Information
Analytical Geometry 1	Technology)
(recommended for Earth & Space	• MATH 1131 Calc. w/An. Geom. 1
Science Majors and Mathematics	(Chemistry)
Majors)	• MATH 1131 or MATH 1132
	Calculus w/Analytical Geometry 2
* Eligibility for a math course depends on	(Earth and Space Science and Math
math placement. Some students may need	Majors)
to start with MATH 1111 College Algebra.	
See an academic advisor for more	
information.	
Students interested in Biology, Chemistry,	Students interested in Biology, Chemistry, or
or Earth and Space Science, take the	Earth and Space Science, take the following in
following in Area D:	Area D:
CHEM 1211/1211L Principles of	CHEM 1212/1212L Principles of
Chemistry plus Lab	Chemistry plus Lab

Computer Science students in the Games Programming Track are advised to take BIOL 1215K Principles of Biology. Students interested in other majors in this focus area may take a lab science listed in the catalog under the major in which they are interested.	Computer Science students in the Games Programming Track are advised to take PHYS 2211/2311 Principles of Physics 1 and Lab. Students interested in other majors in this focus area may continue the lab science they started in the first semester.			
Students considering BS programs:	Students considering BS programs:			
Select one of the following Fine Arts	Select one Area E Behavioral Science or World			
courses:	Cultures course			
ARTH 1100 Art Appreciation				
ITDS 1145 Comparative Arts	Students considering BA programs:			
MUSC 1100 Music Appreciation	Foreign Language			
• THEA 1100 Theater Appreciation				
Students considering BA programs: • Foreign Language				
POLS 1101 American Government	Select one Area E U.S. History:			
	HIST 2111 US History to 1865			
	• HIST 2112 US History since 1865			
	Students interested in teaching take the following in place of, or in addition to, one Area E course.			
	UTCH Step 1: Inquiry Approaches to Teaching			

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Academic Focus Area: Social Science			
Related majors:			
Criminal Justice (BS)			
Political Science (BA)			
• Psychology (BS)			
• Sociology (BS), with tracks in			
Applied Sociology Concentration			
Crime, Deviance, & Society Concentre	ation		
General Concentration			
First Semester (15 hrs.)	Second Semester (15-16 hrs.)		
ENGL 1101 English Composition 1 (with	ENGL 1102 English Composition 2 (with grade		
grade of C or better)	of C or better)		
MATH 1001 Quantitative Skills & Reasoning (or any other Area A Math)	Area D Lab Science Course		
POLS 1101 American Government	Select one U.S. History Course:		
	• HIST 2111 U.S. History to 1865		
	• HIST 2112 U.S. History since 1865		
Students considering programs other than	Students considering programs other than		
Political Science:	Political Science:		
COMM 1110 Public Speaking	Select one of the following Fine Arts courses:		
	ARTH 1100 Art Appreciation		
Students considering DA Delitical Coincess	ITDS 1145 Comparative Arts		
 Students considering BA Political Science: Foreign Language 	MUSC 1100 Music Appreciation		
	• THEA 1100 Theater Appreciation		
	Students considering BA Political Science:Foreign Language		
Select one of the following Behavioral Science Courses:	Explore a major by choosing one of the following:		
	 SOCI 2126 Introduction to Social Work 		
• SOCI 1101 Introduction to Sociology (Meets a requirement for Criminal	• SOCI 2126 Introduction to Social Work and Welfare (SOCI 1101 prereq)		
Justice Majors)	• CRJU 1105 Intro to Criminal Justice		
PSYC 1101 Intro to General	• PSYC 2105 Psychology as a Major and		
Psychology (required for Psychology	a Career (with permission of Chair of		
& Sociology Majors)	Psychology, 2 credit hours)		
• ECON 2105 Principles of			

Academic Focus Area: Health Professions				
Related majors:	-			
• Exercise Science (BS)				
Health Science (BS)				
• Nursing (BSN, RN-BSN)				
First Semester (15 to 16 hours)	Second Semester (17 hours)			
ENGL 1101 English Composition 1 (with	ENGL 1102 English Composition 2 (with grade			
grade of C or better)	of C or better)			
Select one of the following Area A	STAT 1127 Introduction to Statistics			
Math courses:				
• *MATH 1001 Quantitative				
Skills and Reasoning				
• *MATH 1111 College Algebra				
*MATH 1001 is recommended for				
Nursing and suitable for Exercise				
Science and Health Science. However,				
MATH 1111 is recommended for Exercise				
Science and for students in Health Science pursuing clinical professions.				
Given these complexities, it is important				
to discuss math choices with an advisor.				
Select one Chemistry sequence for Area D:	Continue Chemistry sequence from			
• *CHEM 1151/1151L - Survey of	the first semester:			
Chemistry 1 plus lab	• CHEM 1152/1152L - Survey of			
• *CHEM 1211/1211L - Principles of	Chemistry 2 plus lab			
Chemistry 1 plus Lab				
*Note that Principles of Chemistry is	• CHEM 1212/1212L - Principles of			
recommended for Exercise Science and Health	Chemistry 2 plus Lab			
Science majors, and Survey of Chemistry is				
required for Nursing. It is important to				
discuss the Chemistry sequence choice with an advisor.				
POLS 1101 American Government	Area E Behavioral Science or World Cultures			
Select one of the following courses:	Select one Area E U.S. History:			
 PHED 1205 Concepts of Fitness 	HIST 2111 US History to 1865			
 One Area C Fine Arts course: 				
ARTH 1100 Art Appreciation	• HIST 2112 US History since 1865			
 ITDS 1145 Comparative Arts 				
 MUSC 1100 Music 				
Appreciation				
THEA 1100 Theatre				

	 Select one of the following courses: *HESC 1105 Intro to Health Professions One PEDS course *Required course for Health Science; Elective course for Exercise Science
Academic Focus Area: Education Related majors: • Early Childhood Education (BSEd) • Health and Physical Education (BSEd) • Health and Physical Education (BSEd)	(excluding Secondary Education) - Non-Certification Track
 Middle Grades Education (BSEd) Special Education (BSEd) 	
• Special Education (BSEd)	
	Second Semester (15-17 hrs.) ENGL 1102 English Composition 2 (with grade of C or better)
Special Education (BSEd) First Semester (16 hrs.) ENGL 1101 English Composition 1 (with	<i>Second Semester (15-17 hrs.)</i> ENGL 1102 English Composition 2 (with grade
 Special Education (BSEd) First Semester (16 hrs.) ENGL 1101 English Composition 1 (with grade of C or better) Students not pursuing Math or Science concentrations: MATH 1001 Quantitative Skills and Reasoning Students interested in Math or Science concentrations: MATH 1111 College Algebra (or higher 	Second Semester (15-17 hrs.) ENGL 1102 English Composition 2 (with grade of C or better)

EDUC 2120 Exploring Socio-Cultural	Students not pursuing math or science		
Contexts on Diversity in Educational Settings	concentrations, choose one Area E U.S.		
	History:		
	• HIST 2111 U.S. History to 1865		
	• HIST 2112 U.S. History since 1865		
	Students interested in math or science		
	concentrations:		
	MATH 1113 Precalculus		

Academic Focus Area: Business

Related majors:

• All BBA majors, including Accounting, Finance, General Business, Management, Management Information Systems, and Marketing

First Semester (16-17 hrs.)	Second Semester (16 hrs.)			
ENGL 1101 English Composition 1 (with	ENGL 1102 English Composition 2 (with			
grade of C or better)	grade of C or better)			
MATH 1111 College Algebra (or higher) with a	POLS 1101 American Government			
grade of C or better.				
Select one Area C Fine Arts course:	COMM 1110 Public Speaking			
ARTH 1100 Art Appreciation				
ITDS 1145 Comparative Arts				
MUSC 1100 Music Appreciation				
• THEA 1100 Theater Appreciation				
BUSA 2115 Introduction to Business	ECON 2105 Principles of Macroeconomics			
Select one Area E U.S. History:	MISM 2115 Introduction to Information			
HIST 2111 US History to 1865	Systems in Business			
- IHOT offo HO History sings (0)				
• HIST 2112 US History since 1865				
Area B seminar	PEDS activity course			

Academic Focus Area: Humanities

Related majors:

- Art History (BA)
- Communication (BA), with tracks in
 - Communication Studies
 - Film Production
 - Integrated Media
 - Public Relations
- English (BA), with tracks in
 - Creative Writing
 - Literature
 - Professional Writing
 - Secondary Education
- History (BA), with tracks in
 - History
 - Secondary Education
- Liberal Arts (BA), with tracks in
 - Humanities and Social Sciences
 - Military and Global Issues
 - Philosophy

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- Modern Language and Culture (BA), with tracks in
- Spanish with Teacher Certification
 - Spanish Literature and Culture

• Spanish Literature and Culture			
First Semester (15 Credit Hours)	Second Semester (15 Credit Hours)		
ENGL 1101 English Composition 1 (with	ENGL 1102 English Composition 2 (with grade of C or		
grade of C or better)	better)		
MATH 1001 Quantitative Skills & Reasoning	COMM 1110 Public Speaking		
Choose one of the following Area C Fine Arts	Choose one of the following Area E U.S. History courses:		
courses:	• HIST 2111 U.S. History to 1865		
ITDS 1145 Comparative Arts	HIST 2112 U.S. History since 1865		
ARTH 1100 Art Appreciation			
Foreign Language	Foreign Language		
 Choose one of the following Area C Humanities courses: ITDS 1145 Comparative Arts (unless taken for Area C Fine Arts) PHIL 2010 Introduction to Philosophy 	 Choose one of the following to explore your interest in a major: ARTH 2125 History of Art I ARTH 2126 History of Art II COMM 2105 Interpersonal Comm. COMM 2136 Group Comm. COMM 2137 Intro. To Mass. Comm. EDUC 2130 Exploring Learning and Teaching (for students interested in teaching) ENGL 2136 Language and Culture HIST 1111 World History to 1500 HIST 1112 World History since 1500 		
	PHIL 2030 Moral Philosophy		

Academic Focus Area: Fine and Performing Arts					
 Art (BFA, BA, BSEd Art Education) Art History (BA) Music (BA, BM Music Education, BM Music Performance) Theatre (BA, BFA, BSEd Theatre Education) 					
First Semester (15-16 Credit Hours)Second Semester (15-16 Credit Hours)					
ENGL 1101 English Composition 1 (with grade of C or better)	ENGL 1102 English Composition 2 (with grade of C or better)				
ITDS 1145 Comparative Arts (Area C Humanities)	MATH 1001 Quantitative Skills and Reasoning (or other Area A Math course)				
 Select one Area C Fine Arts course ARTH 1100 Art Appreciation MUSC 1100 Music Appreciation THEA 1100 Theatre Appreciation Select one of the following Area E courses: HIST 2111 U.S. History to 1865 	 Select one of the following as an elective: ARTH 1100 Art Appreciation MUSC 1100 Music Appreciation THEA 1100 Theatre Appreciation COMM 1110 Public Speaking 				
 HIST 2112 U.S. History since 1865 Students considering BA Programs: Foreign Language Students considering a vocal music major are encouraged to select German or French 	Students considering BA Programs:Foreign Language				
 Explore your interest with 3-4 credit hours of the following: ARTH 2125 History of Art I ARTH 2126 History of Art II ARTS 1010 Art Foundation: Explorations of Drawing ARTS 1020 Art Foundation: 2D and Digital EDUC 2110 Investigating Critical and Contemporary Issues in Education (for students interested in teaching) *THEA 1105 First Year Seminar 	 Explore your interest with 3-4 credit hours of the following: ARTH 2125 History of Art I ARTH 2126 History of Art II ARTS 1010 Art Foundation: Explorations of Drawing EDUC 2120 Exploring Socio-Cultural Contexts on Diversity in Educational Settings (for students interested in teaching) *MUSA 1305 Class Voice *MUSA 1306 Class Piano *MUSA 1307 Class Guitar MUSC 1213 Music Foundations *THEA 1105 First Year Seminar THEA 1175 Script Analysis 				
* Courses with one credit hour.	* Courses with one credit hour.				

Academic Focus Area: Exploratory				
First Semester (16 hours)	Second Semester (15-16 hours)			
ENGL 1101 English Composition 1 (with grade of C or better)	ENGL 1102 English Composition 2 (with grade of C or better)			
 Students interested in Math or Science disciplines: MATH 1111 College Algebra (or higher, depending on placement) 	COMM 1110 Public Speaking			
 Students not pursuing Math or Science disciplines: MATH 1001 Quantitative Skills and Reasoning 				
Area D Science with lab	 Students interested in math or science disciplines: Area D science with lab 			
	Students not pursuing math or science disciplines:Area D science with or without lab			
HIST 2111 US History to 1865 OR HIST 2112 US History since 1865	POLS 1101 American Government			
One class at the 1000-2000 level in the student's discipline of interest.	One class at the 1000-2000 level in the student's discipline of interest.			

<u>Appendix III: Summary of Activities and Measures of</u> <u>Success for CSU ADVISE Intentional Advising Plan</u>

Summary of Activities

Early Alert System

Because EAB is user friendly, faculty have found it easier to submit Early Alert documentation., Faculty submit names of academically "at risk" students using the Early Alert System (EAS) in EAB. The alert system is designed to assist undergraduate students who demonstrate difficulty in their classes by making them aware of support services available and by encouraging them to use them. Alerts are issued for a variety of reasons:

- Some are originated by faculty for "excessive absences" or "poor academic performance." Some of the faculty-generated alerts are assigned to the student's academic advisor for follow up.
- Others can be issued by any EAB user, including student life and residence life staff for example, "food or housing insecurity" or "disruptive behavior."
- Alerts can also be positive in nature, like "Honors College candidate." These alerts are then assigned to the Dean of the Honors College.

Identified students may also be referred to appropriate and effective campus resources, such as the Academic Center for Tutoring (ACT), Counseling Center, Office of Accommodation and Accessibility, and the Center for Career Development. Student affairs and resident life staff also have access to EAB and can submit various alerts.

EAB Referral Rates (Identification and Tracking of Students in EAB)

• In 2017-2018, we developed a process to track which students were actually participating in the referrals recommended by advisors in CSU ADVISE, faculty advisors, or other professional advisors. Previously, CSU ADVISE referred students to campus resources like the Academic Center for Tutoring (ACT), the Center for Career Development, and the Counseling Center to improve student success rates, but was unable to track which students actually followed through in utilizing these services. Whereas ACT has been tracking appointments for years, the Center for Career Development and the Counseling Center have only started doing so in Spring 2018.

Using EAB's alert feature, advisors are now able to document these referrals. Over the years EAB Student Alerts have increased from 166 (Fall 2018) to 189 (Fall 2019). When issued, the student receives a notification with information on the recommended service; whereas ACT has been tracking appointments in EAB for years, the Center for Career Development and the Counseling Center only started doing so in Spring 2018. It is now possible to identify which students received assistance. In the case of referrals to the Counseling Center, aggregate numbers are used to protect privacy.

We were shocked at the low rate of compliance with referrals. Now we need to figure how to motivate students to comply with the referral. The data at this point is too slim to correlate student compliance and improved outcomes.

Referral Service	Fall 18 Referred	Fall 18 Received Care	Fall 19 Referred	Fall 19 Received Care	Fall 2020 Referred	Fall 2020 Received Care
Accommodations &	4	0	8	3	Ongoing	TBD
Access						
Career Center	1	0	2	0	Ongoing	TBD
Tutoring	52	23	76	30	Ongoing	TBD
Counseling	17	0	40	16	Ongoing	TBD
Boost	1	1	0	0	Ongoing	TBD
African-American	N/A	N/A	24	4	Ongoing	TBD
Male Initiative						
(AAMI)						
*Began Fall 19						
SIP GRANT –	23	2	31	4	Ongoing	TBD
Referred to						
Counseling Center						
for Strong						
Inventory Test						
SIP GRANT –	N/A	N/A	8	4	Ongoing	TBD
Referred to						
Counseling for						
Psych Evaluation						
*Began Spring 19						

Based on previous data, CSU ADVISE has found that referrals are not motivating students to reach out and utilize support services. Therefore, CSU ADVISE has begun concentrating efforts on early alerts and directed intervention. These alerts can be generated by faculty or staff on an as needed basis or through a progress report campaign.

Beginning in Fall 2019, we began implementing Progress Reports. Through EAB Navigate, a Progress Report allows us to target student populations that we believe to be high risk. For Fall 2019, we targeted students who attended late orientation dates or who did not attend orientation at all. This population was chosen by the Provost Office based on historical Institutional Reports that these students were at a higher risk to fail their courses and not return the following semester. The Progress Report campaign sends a simple form to each student's professors requesting information on the student progress, grade to date in the course, any pertinent alerts, and if they are at risk to fail the class. Advisors then follow up individually with each student marked at risk to fail to discuss a success plan, support services, and withdrawing from courses, if needed.

For Fall 2020, we were unable to continue tracking students based on orientation attendance date since orientation was moved online in response to COVID-19. However, also due to the pandemic, we began to accept students who did not meet our traditional admission requirements. Therefore, we decided to target students with low High School GPAs (<2.5), and low or no ACT/SAT test scores for our Progress Report campaign.

Our hope is that these efforts along with ad hoc alerts throughout the semester will help to identify students at risk and in need of assistance.

	Fall 19	Fall 20
Progress Report Request Sent	1,541	4,136
Faculty Response Rate	60%	75%
Students marked at risk of failing classes	126 (18%)	424 (24%)*
Number of classes marked at risk	174	TBD
At risk clases that were not failed	84 (48.28%) Passed (D or	TBD
	better, Incomplete, SAT,	
	WPASS	
	58 (33.33%) Passed with a	
	(C or better)	
Alert/Referrals Ad Hoc	364	TBD
Alert/Referrals Progress Reports	178	TBD

*CSU ADVISE is actively reaching out to contact each of these 424 students, creating a success plan, and referring them to support centers, including tutoring and SIP Grant. We will continue to follow-up with these students after mid-term grades are posted. We will also track them through final grades to determine intervention effectiveness. Additionally, Melissa Young is connecting with the Create Care team to share any EAB alert information for students who are placed on a "create care" alert.

Strengthening Institutions Program (SIP)

Through CSU ADVISE, SIP now has a program to assist transfer students with a transfer GPA below 2.0. Students are invited to meet with SIP advisors at the beginning of each semester to assess previous academic struggles. Follow up with students occurs at midterm to track their academic progress. Students are required to meet two times throughout the semester with assigned peer mentors. Finally, students are able to attend workshops for math and testing anxiety and workshops for professionalism.

BOOST

CSU was one of the first USG schools to offer BOOST, a Quality Care for Children (QCC) grant program that provides childcare scholarships for full-time student-parents with children age 4 and under. These scholarships are for PELL-eligible juniors and seniors who are enrolled full time, have maintained Satisfactory Academic Progress (SAP), have a GPA of 2.0 or higher upon applying for the program and maintain a 2.0 GPA once receiving funds.

Quality Care for Children is gathering data to demonstrate the positive impact of available childcare on college graduation rates to build a case for state investment. Over the years, CSU has been awarded a number of slots (scholarships): 5 slots in Fall 2016; 10 in Spring 2017; 35 on Fall 10`7; 62 in Spring 2018; 32 in Fall 2018 (decrease due to realignment of funding across all institutions); 24 in Spring 2019; 13 in Fall 2019; 8 in Spring 2020; and 11 in Fall 2020. Visit https://www.youtube.com/watch?v=4dsnodpi03c&feature=youtu.be to view a student testimony.

Embark in Education (Homelessness and Foster Care)

• In Fall 2017, the Wisconsin HOPE Lab Study collaborated with CSU and other USG Institutions to administer a survey to all entering freshmen in order to determine the needs of

students with housing and food insecurities.

• In its Embark in Education program, CSU ADVISE aids homeless and foster care students with groceries, emergency housing, tuition aid, bill payment, etc., as needed.

Measures of Success

• EAB referrals (which were increasing before COVID-19)

48 referrals 2013-2014 (information from 2015-2016 deleted to save space) 51 referrals 2017-2018

295 referrals 2018-2019 (166 referrals Fall 2018; 129 referrals Spring 2019)

276 referrals 2019-2020 (189 referrals Fall 2019; 87 Spring 2020) Note: Spring referrals decreased, probably due to COVID-19 and the new ALERT Online Class Engagement tool.
SIP Service Numbers for LS USS, Transfer, and UAP Population Groups (grant began Spring)

• SIP Service Numbers for LS USS, Transfer, and UAP Population Groups (grant began Spring 2018)

Year	Spring	Summer	Fall	Annual Total
2018	378	46	327	751
2019	261	87	352	700
2020	363	87	TBD	TBD

• **BOOST** student-parent participants vary, depending on # of slots provided by funding source:

Year	Spring	Fall	Annual Total
2016	N/A (started Fall 2016)	5	-
2017	10	35	45
2018	62	32	94
2019	24	9	33
2020	8	11	19

• Embark student participants served since 2017 (varies by semester):

Year	Spring	Summer	Fall	Annual Total
2017	12	0	7	19
2018	7	0	7	14
2019	7	0	5	12
2020	3	6	6	15

<u>Appendix IV: Pressure Testing Program Maps</u> <u>Against Actual Course Offerings</u>

Here is a list of the eight programs pressure tested 2017-2018:

BA Spanish Ed (2 courses not aligned) (COLS) BS Psychology (COLS) BA Communication, Communication Studies Track (COA) BM Music Ed, Choral Track (1 course not aligned) (COA) BBA Management Information Systems (COB) BS Computer Science, Software Systems Track (COB) BSN Nursing (COEHP) BSEd Early Childhood (COEHP) **98% compliance**

Here is a list of the eight programs pressure tested 2018-2019:

BS Exercise Science (COEHP) BSEd Special Ed (8 classes not aligned)* (COEHP) BA Art History (2 classes not aligned) (COA) BA Theatre (COA) BS ESS-Secondary Ed. Track (COLS) BA History (1 class not aligned) (COLS) BBA Accounting (COB) BS Computer Science, Game Programming Track (COB) **93% compliance**

*" ...the reason the course offerings do not align with the semesters on the curriculum map is because the blocks of classes are offered on a three-semester rotation. This is because we do not have enough majors to be able to offer all of the junior-senior level courses each semester. Students join into the block of courses being offered the semester that they are admitted to teacher education. We have always offered the courses on a rotation, and students are advised about this their freshman year. Please feel free to add this as a footnote to the curriculum map if you feel like that would be helpful to students."

Here is a list of the eight programs pressure tested 2019-2020:

BS Biology (starting with MATH 1111) (COLS) BA English, Professional Writing Track (COLS) BM Performance, Strings (COA) AA Film Production (COA) BS Health Science (COEHP) BSEd Middle Grades, Math/Science Specialty (3 classes not aligned) (COEHP) BBA Marketing (COB) BS Computer Science, Web Development Track (COB) **98% compliance**

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