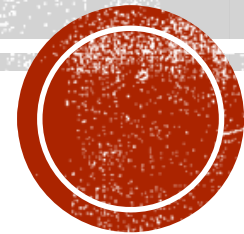


COLLEGE OF HEALTH AND HUMAN SERVICES

Natalie McGlocklin – CHHS Data Coordinator

Wendy Nomura & Becky Nash – Student Success Committee

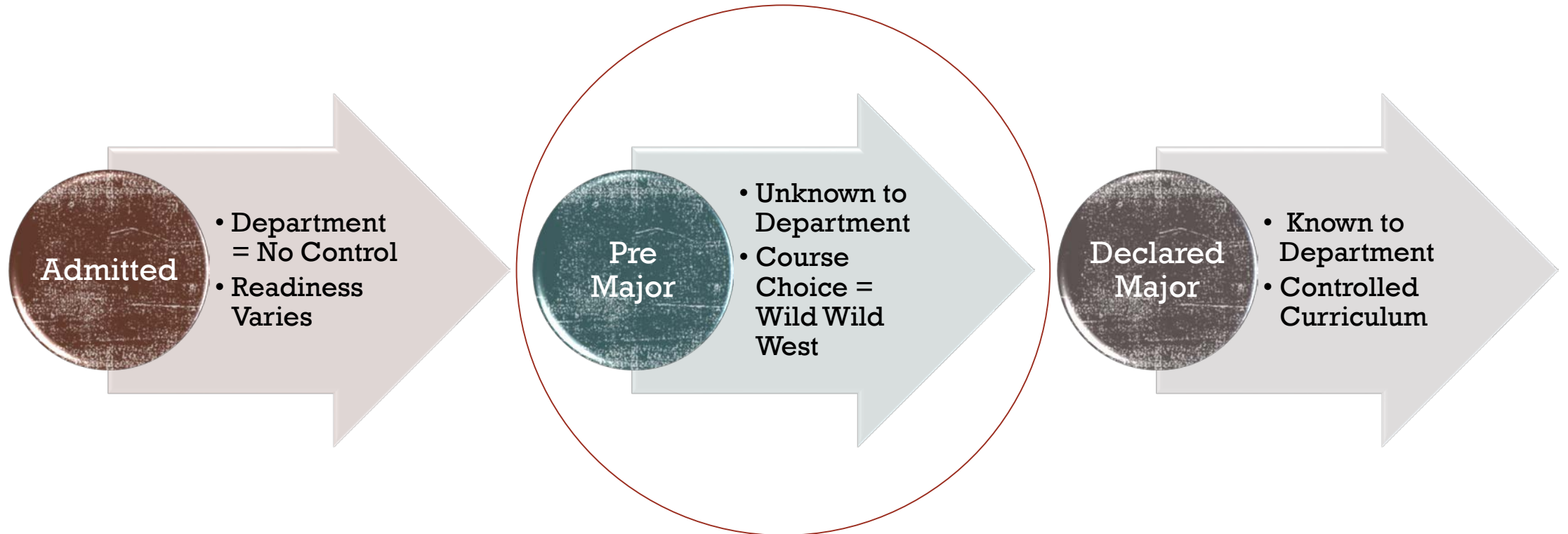


GOALS FOR DATA FELLOWS & CHHS

- Remove barriers to timely graduation for students
- To understand the synergies in our curriculum across departments and colleges so that we may be able to:
 - Help students navigate the many degree options
 - Find ways to mitigate the negative effects of major switching
 - Increase 4-year graduation rates
- Be realistic about what we can and cannot control as a college



THE ANXIETY OF THE 4-YEAR GRAD INITIATIVE



Underlying Factors: impaction, forced declaration, major readiness, clear major options, maturity, career choices, accreditation, the pre-major experience, local preference

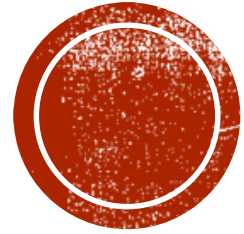


STUDENT SUCCESS SURVEY

UNDERSTANDING THE DIFFERENT NEEDS FOR MAJORS VS. PRE-MAJORS

- Pre-majors were more likely to **report failing a course** and heavy course load as barriers.
- Declared majors needed more advising on graduate school, where pre-majors wanted more **major course selection advising** and GE advising.
- Pre-majors (33.1%) were less likely than declared majors (42.7%) to plan to use summer school
- Difference in the **number of units taken** with 46.5% of pre-majors and 32.0% of majors typically taking 15 or more units per semester
- Pre-majors were **more likely to feel isolated** and less likely to feel supported by a network of students, that their program helped meet their career goals, that their job and family interfered with school, and that their family fully supported their academic aspiration than declared majors.





**WHO ARE OUR PRE-
NURSES AND WHERE DO
THEY GO?**

INTERVIEW WITH A REAL STUDENT

FROM NURSING → HEALTH SCIENCE

Biggest Challenges

- The notice for acceptance/non-acceptance for NRSG was late (between Fall and Spring semesters)
- Had misconceptions about transferring to another CSU, and differing prerequisites made it impossible
- Did not receive good advice on how to transfer, such as which majors lined up best

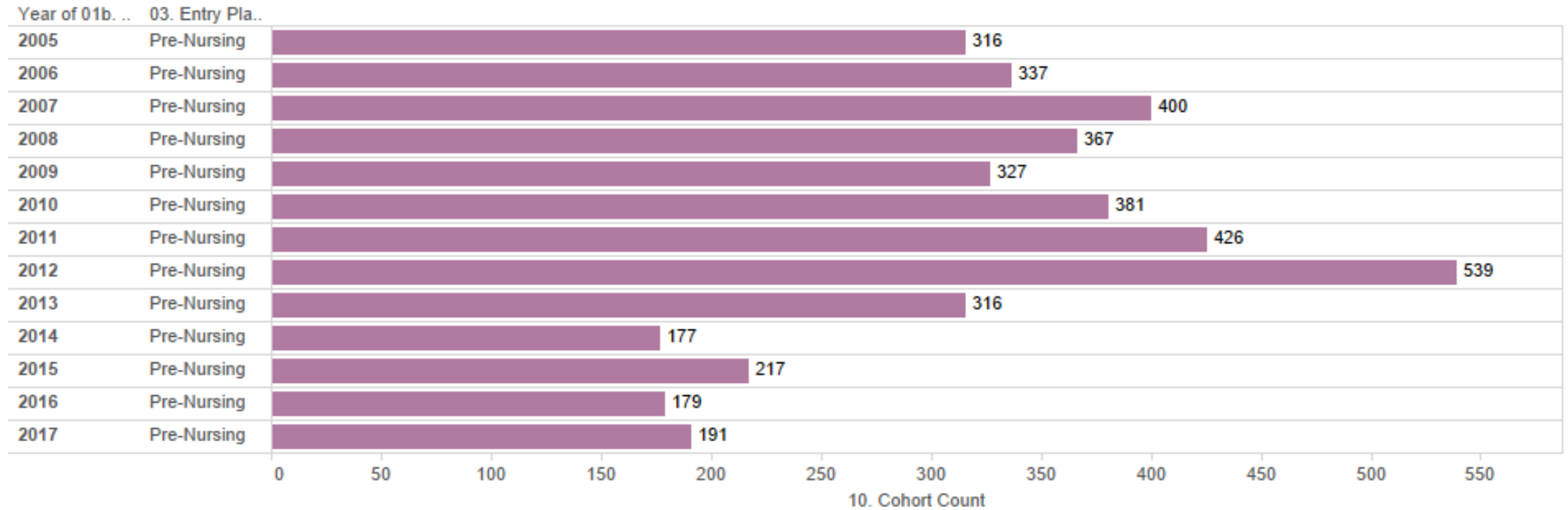
Things That Helped

- They had already taken NUTR 132 & this allowed them to declare the HSC major immediately after notification of non-acceptance to NRSG
- Friends who didn't take NUTR 132 had trouble getting into some pre-HSC courses
- Did have a clear idea that they might not get into the Nursing program from the beginning



THINGS WE CAN'T CONTROL

Pre-Nursing Entry Cohorts



CSULB
Declares
Impaction



BEING REALISTIC



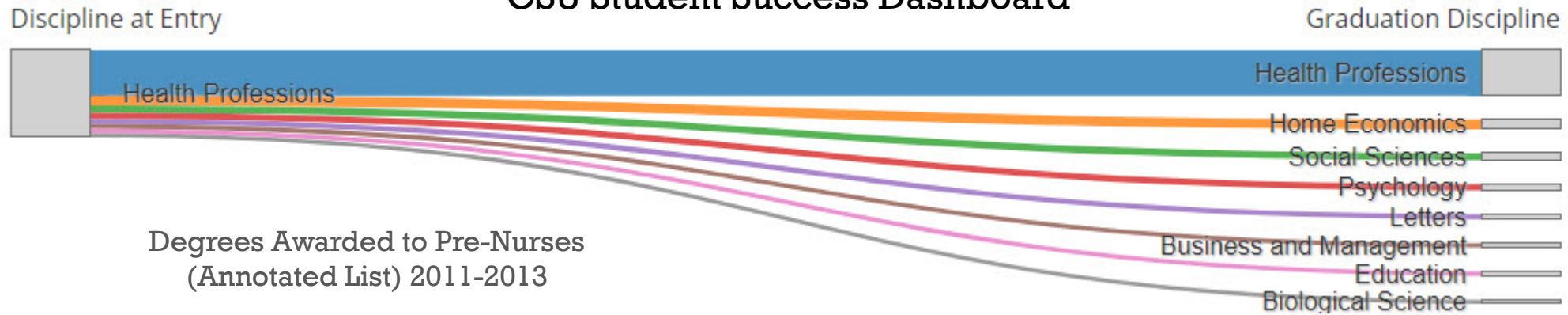
About **70-80** students total are accepted into the Nursing undergraduate program every semester

Between 2005-2012, on average 15-20% of students who enter CSULB as Pre-Nursing are accepted into the program → about 30-45 students per Fall Cohort

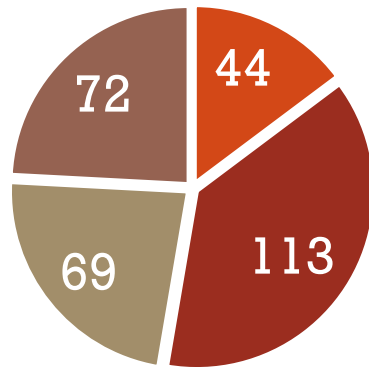


SO WHAT ABOUT THE OTHER 80%?

CSU Student Success Dashboard



Degrees Awarded to Pre-Nurses
(Annotated List) 2011-2013

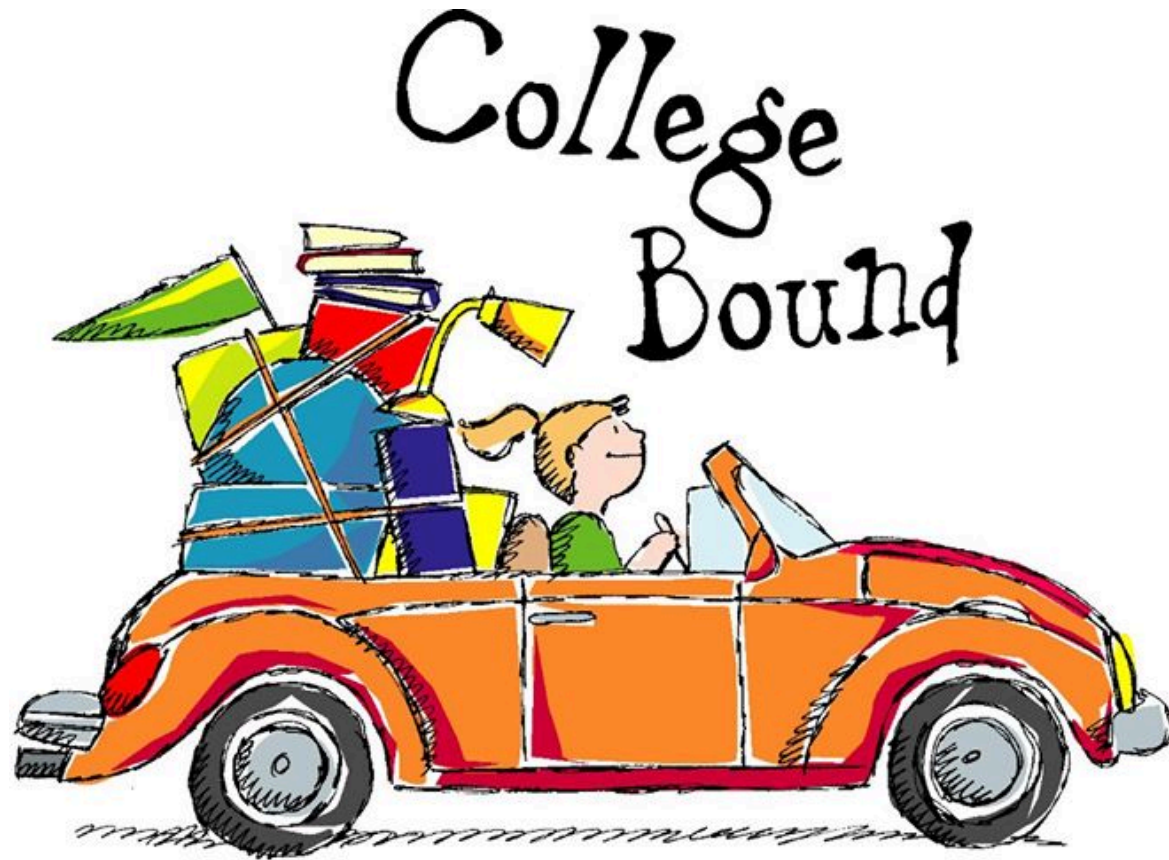


More students went on to receive a degree in Health Care Administration or Health Science than were accepted and persisted in the Nursing Program

- FCS Child Dev Family Stds BA
- Health Care Administration BS
- Health Science BS
- Nursing Basic BS



BUT WE ARE NOT IN THE DREAM CRUSHING BUSINESS



So how can we help students navigate a change in direction without chastising them, while being realistic, but while being mindful of their individual needs, wants, barriers, and personal strengths?



PERSISTENCE AND ATTRITION WITHIN UNIVERSITY – PRE-NRSG VS. CHHS

Persistence Rates

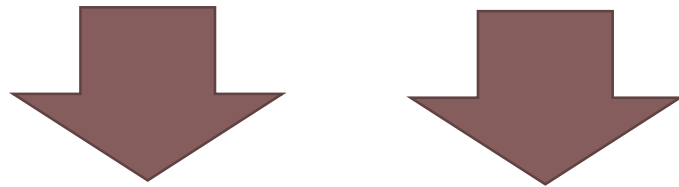
03. Entry Plan Name	01. Cohort Year Name	10. Cohort Count	1 Year Persist Count W..	1 Year Persist Rate Wit..	2 Year Persist Count W..	2 Year Persist Rate Wit..	3 Year Persist Count W..	3 Year Persist Rate Wit..	4 Year Persist Count W..	4 Year Persist Rate Wit..	5 Year Persist Count W..	5 Year Persist Rate Wit..	6 Year Persist Count W..	6 Year Persist Rate Wit..
Pre-Nursing	Fall 2008	367.0	323.0	88.01%	287.0	78.20%	263.0	71.66%	224.0	61.04%	99.0	26.98%	24.0	6.54%
	Fall 2009	327.0	290.0	88.69%	259.0	79.20%	227.0	69.42%	187.0	57.19%	100.0	30.58%	31.0	9.48%
	Fall 2010	381.0	337.0	88.45%	301.0	79.00%	267.0	70.08%	225.0	59.06%	98.0	25.72%	27.0	7.09%
	Fall 2011	426.0	378.0	88.73%	338.0	79.34%	299.0	70.19%	243.0	57.04%	101.0	23.71%	31.0	7.28%
	Fall 2012	539.0	486.0	90.17%	413.0	76.62%	382.0	70.87%	308.0	57.14%	89.0	16.51%		
	Fall 2013	316.0	294.0	93.04%	244.0	77.22%	219.0	69.30%	133.0	42.09%				

Persistence Rates

03. Entry College	01. Cohort Year Name	10. Cohort Count	1 Year Persist Count W..	1 Year Persist Rate Wit..	2 Year Persist Count W..	2 Year Persist Rate Wit..	3 Year Persist Count W..	3 Year Persist Rate Wit..	4 Year Persist Count W..	4 Year Persist Rate Wit..	5 Year Persist Count W..	5 Year Persist Rate Wit..	6 Year Persist Count W..	6 Year Persist Rate Wit..
Health and Human Services	Fall 2008	784	675	86.10%	614	78.32%	578	73.72%	467	59.57%	219	27.93%	67	8.55%
	Fall 2009	695	605	87.05%	560	80.58%	506	72.81%	405	58.27%	192	27.63%	64	9.21%
	Fall 2010	846	726	85.82%	671	79.31%	626	74.00%	504	59.57%	209	24.70%	55	6.50%
	Fall 2011	884	784	88.69%	725	82.01%	667	75.45%	522	59.05%	209	23.64%	53	6.00%
	Fall 2012	1,075	962	89.49%	852	79.26%	796	74.05%	626	58.23%	181	16.84%		
	Fall 2013	816	742	90.93%	665	81.50%	622	76.23%	372	45.59%				



GRADUATION RATES WITHIN UNIVERSITY



Graduation Rates

03. Entry Plan Name	01. Cohort Year Name	10. Cohort Count	4 Year Grad Count Within Univeristy	4 Year Grad Rate Within Univeristy	5 Year Grad Count Within Univeristy	5 Year Grad Rate Within Univeristy	6 Year Grad Count Within Univeristy	6 Year Grad Rate Within Univeristy
Pre-Nursing	Fall 2008	367.0	25.0	6.81%	142.0	38.69%	214.0	58.31%
	Fall 2009	327.0	36.0	11.01%	124.0	37.92%	195.0	59.63%
	Fall 2010	381.0	31.0	8.14%	156.0	40.94%	232.0	60.89%
	Fall 2011	426.0	43.0	10.09%	175.0	41.08%	248.0	58.22%
	Fall 2012	539.0	70.0	12.99%	283.0	52.50%	283.0	52.50%
	Fall 2013	316.0	87.0	27.53%	87.0	27.53%		

CHHS Grad Rates

03. Entry College	01. Cohort Year Name	10. Cohort Count	4 Year Grad Count Within Univeristy	4 Year Grad Rate Within Univeristy	5 Year Grad Count Within Univeristy	5 Year Grad Rate Within Univeristy	6 Year Grad Count Within Univeristy	6 Year Grad Rate Within Univeristy
Health and Human Services	Fall 2008	784	84	10.71%	326	41.58%	462	58.93%
	Fall 2009	695	97	13.96%	308	44.32%	437	62.88%
	Fall 2010	846	103	12.17%	390	46.10%	543	64.18%
	Fall 2011	884	120	13.57%	414	46.83%	573	64.82%
	Fall 2012	1,075	159	14.79%	590	54.88%	590	54.88%
	Fall 2013	816	254	31.13%	254	31.13%		



COMPARE MSDR NURSING & HEALTH SCIENCE

“ALTERNATIVE PATHWAYS”

Nursing – Basic

Semester	Requirement
By Second Semester	STAT 108 or 118
	CHEM 140
By Fourth Semester	BIOL 201
	BIOL 207
	BIOL 208

Health Science

Semester	Requirement
After First Semester	STAT 108 or 118
	CHEM 140
	BIOL 207
	BIOL 208
	HSC 210
	NUTR 132 or RSCH 207

Health Care Administration

Semester	Requirement
After First Semester	STAT 108 or 118
	BIOL 207
	BIOL 208
	ACCT 201
	ECON 101 or 300
	MATH 115



TIME TO DEGREE

Graduation Rates

01. Cohort Year Name	03. Entry Plan Name	05. Graduation Plan Description	10. Cohort Count	4 Year Grad Count Within Univeristy	4 Year Grad Rate Within Univeristy	5 Year Grad Count Within Univeristy	5 Year Grad Rate Within Univeristy	6 Year Grad Count Within Univeristy	6 Year Grad Rate Within Univeristy
Fall 2008	Pre-Nursing	HSC Community Health Educ ..	40.00	5.00	12.50%	26.00	65.00%	38.00	95.00%
Fall 2009	Pre-Nursing	HSC Community Health Educ ..	19.00	4.00	21.05%	14.00	73.68%	18.00	94.74%
Fall 2010	Pre-Nursing	HSC Community Health Educ ..	34.00	2.00	5.88%	22.00	64.71%	33.00	97.06%
Fall 2011	Pre-Nursing	HSC Community Health Educ ..	26.00	5.00	19.23%	21.00	80.77%	26.00	100.00%
Fall 2012	Pre-Nursing	HSC Community Health Educ ..	27.00	6.00	22.22%	27.00	100.00%	27.00	100.00%
Fall 2013	Pre-Nursing	HSC Community Health Educ ..	11.00	11.00	100.00%	11.00	100.00%		

Graduation Rates

01. Cohort Year Name	03. Entry Plan Name	05. Graduation Plan Description	10. Cohort Count	4 Year Grad Count Within Univeristy	4 Year Grad Rate Within Univeristy	5 Year Grad Count Within Univeristy	5 Year Grad Rate Within Univeristy	6 Year Grad Count Within Univeristy	6 Year Grad Rate Within Univeristy
Fall 2008	Pre-Nursing	Health Care Administration BS	27.00	3.00	11.11%	21.00	77.78%	27.00	100.00%
Fall 2009	Pre-Nursing	Health Care Administration BS	35.00	12.00	34.29%	25.00	71.43%	33.00	94.29%
Fall 2010	Pre-Nursing	Health Care Administration BS	33.00	7.00	21.21%	23.00	69.70%	33.00	100.00%
Fall 2011	Pre-Nursing	Health Care Administration BS	48.00	10.00	20.83%	38.00	79.17%	48.00	100.00%
Fall 2012	Pre-Nursing	Health Care Administration BS	52.00	11.00	21.15%	52.00	100.00%	52.00	100.00%
Fall 2013	Pre-Nursing	Health Care Administration BS	13.00	13.00	100.00%	13.00	100.00%		

Higher 4-YR Grad Rates than overall for CHHS within University!



COMMUNICATION 101: MEET THEM WHERE THEY “LIVE”

- Who is responsible for pre-majors?
 - The CHHS Advising Center currently has a 1:1000 advisor to student ratio
 - The School of Nursing is not permitted to advise pre-nursing students
- How can we intervene effectively?
 - SOAR
 - Freshman Advising
 - Social Media
 - Brochures/flyers
 - Faculty Advisors
 - Creating a non-punitive culture or conversation around major switching

