

## Pathway Data from Five-Year Review

Since Fall 2013, records of student enrollment in GE courses have been compiled by the Advising office.

Tables 2 and 3 below shows the combined (Fall/Spring) academic year enrollment and % capacity (defined as enrollment ÷ spaces offered) for classes in the GE Pathway courses. These numbers don't count substitutions, foreign language courses, or foundation associations. Courses which are present in more than one pathway have their registration split evenly among those pathways.

Lower Div	Diversity		Ethics/Justice/Policy		Food Studies		Gender/Sexuality		Global Development	
2016-17	1587	91.0%	2967	88.6%	2120	95.5%	1658	91.3%	1670	93.7%
2015-16	1708	94.1%	3243	91.8%	2071	96.6%	1985	96.5%	1715	94.0%
2014-15	1609	90.6%	3099	91.0%	1885	98.5%	1855	93.7%	1381	88.0%
2013-14	1462	86.8%	2718	84.9%	1836	91.4%	1807	91.7%	1293	74.1%
Lower Div	Great Books & Ideas		Health & Wellness		International Studies		Sci/Technology/Values		Sustainability	
2016-17	1426	82.3%	2498	90.1%	1689	91.5%	1512	75.9%	1121	76.6%
2015-16	1700	89.5%	2544	94.2%	1692	93.6%	1696	83.6%	1264	83.6%
2014-15	1546	93.0%	2425	94.0%	1648	93.4%	1544	80.5%	1175	78.9%
2013-14	1246	81.0%	2349	89.7%	1627	85.5%	1434	68.9%	1006	73.4%

Table 2 – Lower-Division course enrollment in each pathway by academic year

Upper Div	Diversity		Ethics/Justice/Policy		Food Studies		Gender/Sexuality		Global Development	
2016-17	1438	89.1%	1756	98.7%	1181	92.3%	1579	93.9%	872	84.3%
2015-16	1247	92.0%	1637	99.8%	1181	98.0%	1550	95.5%	879	87.9%
2014-15	1183	96.0%	1530	99.8%	1105	97.7%	1479	92.0%	985	87.0%
2013-14	1173	92.6%	1437	92.0%	1093	100.3%	1423	93.6%	1010	79.9%
Upper Div	Great Books & Ideas		Health & Wellness		International Studies		Sci/Technology/Values		Sustainability	
2016-17	291	78.2%	2595	90.9%	1283	92.2%	1302	92.9%	1766	91.4%
2015-16	223	83.8%	2709	94.8%	1268	90.6%	1190	97.0%	1670	89.5%
2014-15	153	68.0%	2890	95.7%	1302	82.7%	1076	99.0%	1728	89.6%
2013-14	162	73.6%	2798	98.3%	1199	79.8%	966	97.5%	1810	97.0%

Table 3 – Upper-Division course enrollment in each pathway by academic year

Figure 1 displays the upper-division data graphically. There are some clear strata among the UD courses in the pathways:

- Health & Wellness is by far the most highly subscribed, with over 2500 students per year.
- Sustainability, Ethics/Justice/Policy, and Gender/Sexuality have similar numbers to each other and have been ranked 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> in UD enrollment each year.
- Diversity, Science/Tech/Values, International Studies, Food Studies, and Global Development have been ranked 5<sup>th</sup> through 9<sup>th</sup> each year, with fairly similar enrollments (except Global Development, which has fallen) and some fluctuation in rankings amongst the pathways
- Great Books & Ideas has had, by some ways, the lowest UD enrollment each year – never more than 11% of that of Health & Wellness.

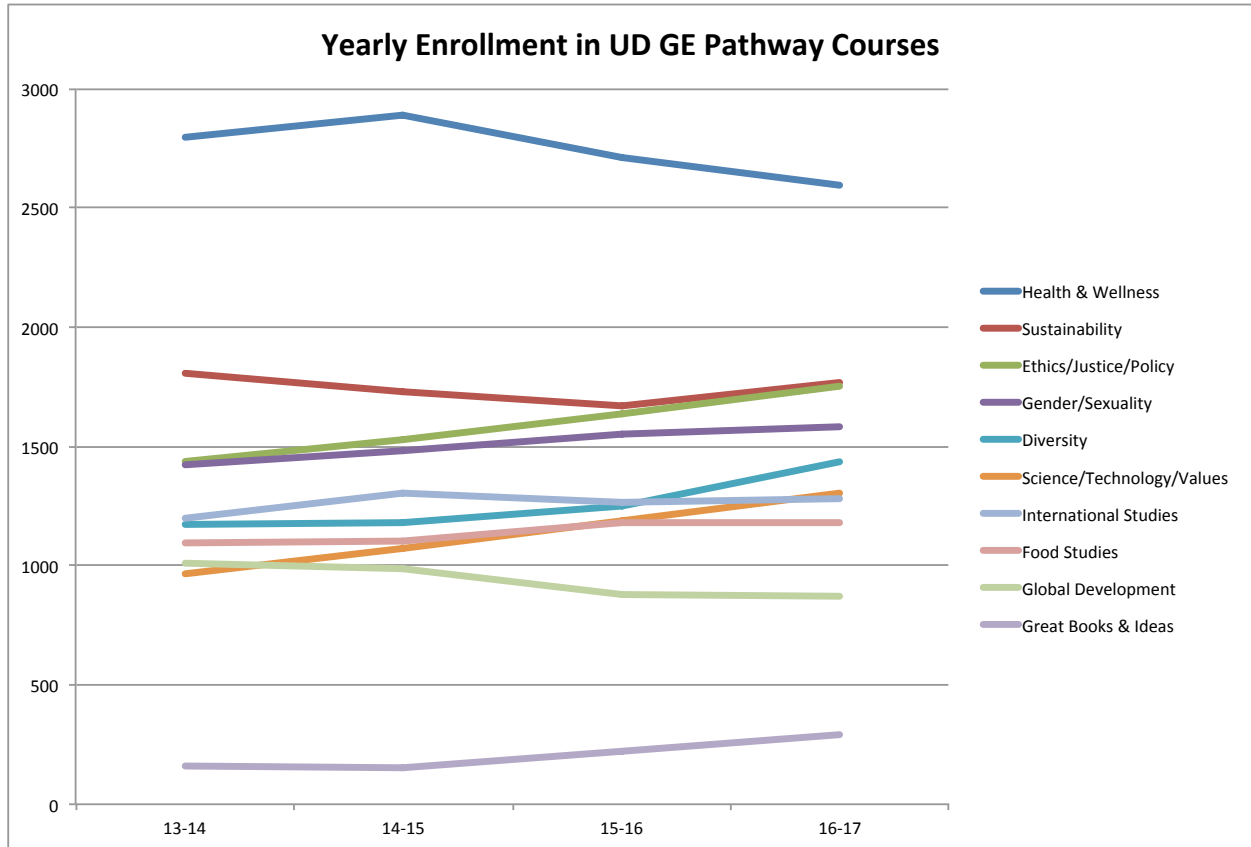


Figure 1 – Graphical Representation of Pathway enrollment, 2013-14 through 2016-17

Data on students earning pathway minors based on S17 graduation data is presented below in Figure 2. Around 17% of students earned a pathway minor, including 5 out of 2200 students (0.2%) who earned two pathway minors. In that same semester, 33% of students earned a non-GE minor.

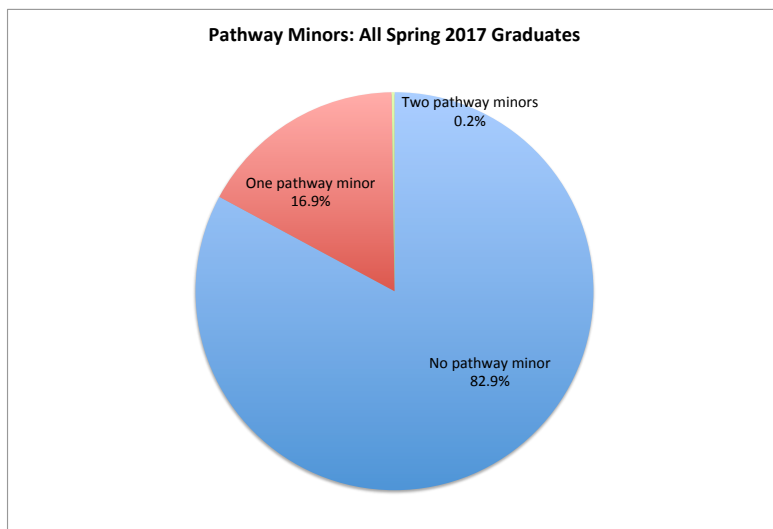


Figure 2 – Pathway minors earned by S17 graduates

The breakdown of pathway minors earned by S17 graduates is in Table 4 and graphically represented in Figure 3. The greatest number of minors were granted in the Ethics/Justice/Policy pathway, and the least were granted in Great Books & Ideas. Remarkably, 70% of Pathway minors were awarded to female students, even though only 56% of S17 graduates were female. A breakdown of students earning pathway minors by ethnicity is found in Table 5; there is no significant difference in the ethnic makeup of students earning pathway minors than that of graduates in general.

Pathway Minors S17	Female	Male	TOTAL
GNEED Mnr Diversity Pathway	16	5	21
GNEED Mnr Ethics Justice Policy	68	33	101
GNEED Mnr Food Studies	10	4	14
GNEED Mnr Gender & Sexuality	33	3	36
GNEED Mnr Global Development	14	7	21
GNEED Mnr Great Books & Ideas	4	1	5
GNEED Mnr Health & Wellness	65	24	89
GNEED Mnr in International Stdy	31	20	51
GNEED Mnr Science Tech Values	12	6	18
GNEED Mnr Sustainability	14	12	26
TOTAL	267	115	382

Table 4 – Pathway minors earned by S17 graduates

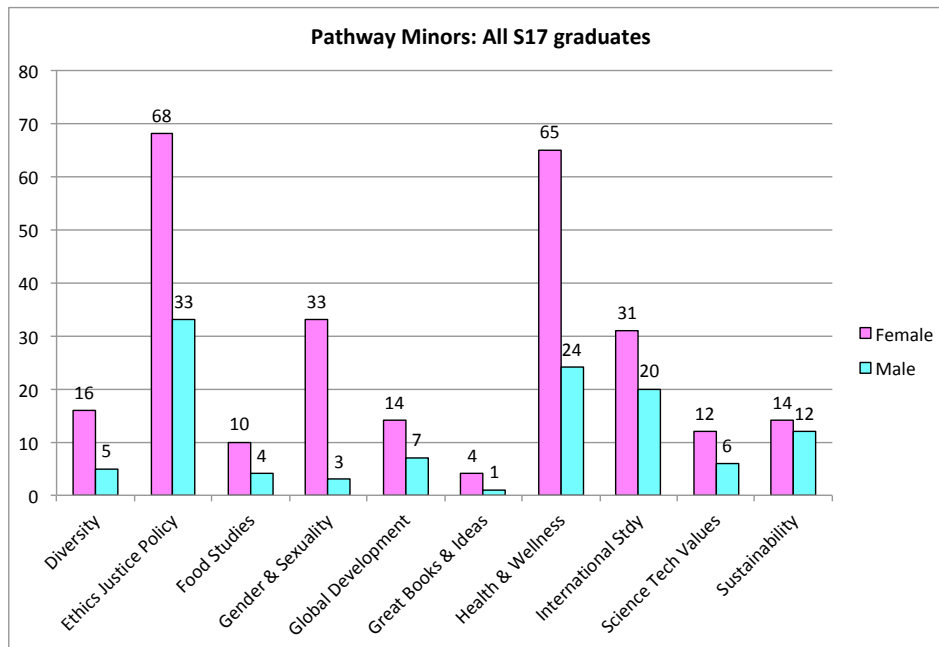


Figure 3 – Graphical Representation of Pathway Minors S17

Row Labels	Am. Indian	Asian	Black/Af. Am.	Decline to State	Hispanic/Latino	Native Hawaiian	Two + Races	White	Grand Total
GNEED Mnr Diversity Pathway		3	1		11		1	5	21
GNEED Mnr Ethics Justice Policy	1	4	1	6	38		4	47	101
GNEED Mnr Food Studies		2			2			10	14
GNEED Mnr Gender & Sexuality		2			11		1	22	36
GNEED Mnr Global Development	1	3			7		3	7	21
GNEED Mnr Great Books & Ideas	1	1						3	5
GNEED Mnr Health & Wellness	2	13	5	3	12		6	48	89
GNEED Mnr in International Study	1	2	1	1	7	1	4	34	51
GNEED Mnr Science Tech Values		2			1		2	13	18
GNEED Mnr Sustainability				1	5		1	19	26
<b>TOTAL</b>	<b>6</b>	<b>32</b>	<b>8</b>	<b>11</b>	<b>94</b>	<b>1</b>	<b>22</b>	<b>208</b>	<b>382</b>

Table 5 – Pathway Minors earned broken down by student ethnicity.

To examine if there was a correlation between students' majors and the Pathway Minors they earned, the majors of each student earning a Pathway Minor were tabulated. Those are included in Table 6, spread over two pages. Note that the number of majors is sometimes greater than the number of Pathway Minors, since several students were double (or triple) majors. Some notable correlations:

- A large percentage of Ethics/Justice/Policy minors were earned by Criminal Justice, Political Science, and Psychology majors. This is in part because the GE courses POLS 365 and PSYC 391 are electives in these programs.
- A large percentage of Health & Wellness minors were earned by Exercise Physiology majors. This is in part because the GE course NFSC 303 is a required of the BS in Exercise Physiology.
- A large percentage of International Studies minors were earned by majors in International Relations.

GNEED Mnr Diversity Pathway 21	
Count of ACAD_PLAN_LDESC	
Row Labels	Total
Health Sci: Hlth Srvc Adm (BS)	5
Sociology (BA)	3
Bus Admin: Human Resource (BS)	2
Comm Design: Mass Comm (BA)	2
Nursing: General (BS)	2
Psychology (BA)	2
Bus Admin: Marketing (BS)	1
Criminal Justice (BA)	1
Health Sci: Health Educ (BS)	1
Math: General Math (BS)	1
Music: Recording Arts (BA)	1
SOSC: Spec Studies (BA)	1
Spanish: General (BA)	1
<b>Grand Total</b>	<b>23</b>

GNEED Mnr Ethics Justice Policy 101	
Count of ACAD_PLAN_LDESC	
Row Labels	Total
Criminal Justice (BA)	28
Psychology (BA)	13
Pol Sci: Legal Studies (BA)	10
Social Work (BA)	10
Bus Admin: Finance (BS)	5
Child Development (BA)	5
Comm Studies: Comm Pub Aff (BA)	4
Pol Sci: Gnrl Poli Sci (BA)	4
Sociology (BA)	4
Bus Admin: Human Resource (BS)	3
Comm Science & Disorders (BA)	3
Public Administration (BA)	3
Bus Admin: Accounting (BS)	2
Bus Admin: Management (BS)	2
International Relations (BA)	2
Jour: Public Relations (BA)	2
Microbio: Gnrl Microbio (BS)	2
Art: Interior Arch (BFA)	1
Biol: Cell & Molecular (BS)	1
Bus Admin: Marketing (BS)	1
Bus Admin: Project Mgmt (BS)	1
Comm Studies: Org Comm (BA)	1
English: English Educ (BA)	1
Health Sci: Hlth Srvc Adm (BS)	1
History: General History (BA)	1
Jour: News (BA)	1
Psychology (Minor)	1
SOSC: Spec Studies (BA)	1
<b>Grand Total</b>	<b>113</b>

GNEED Mnr Food Studies 14	
Count of ACAD_PLAN_LDESC	
Row Labels	Total
Agri: Crops, Hort, Land (BS)	2
Agricultural Business (BS)	2
Health Sci: Health Educ (BS)	2
Psychology (BA)	2
Bus Admin: Management (BS)	1
Bus Admin: Marketing (BS)	1
Comm Science & Disorders (BA)	1
Exercise Physiology (BS)	1
Rec Adm: Resort & Lodg (BS)	1
SOSC: Spec Studies (BA)	1
<b>Grand Total</b>	<b>14</b>

GNEED Mnr Gender & Sexuality 36	
Count of ACAD_PLAN_LDESC	
Row Labels	Total
Psychology (BA)	8
Child Development (BA)	4
Social Work (BA)	4
Comm Science & Disorders (BA)	2
Multicultural Gender: Woman (BA)	2
Art: Art Education (BA)	1
Art: Art Studio (BA)	1
Bus Admin: Accounting (BS)	1
Bus Admin: Marketing (BS)	1
Comm Design: Mass Comm (BA)	1
Comm Design: Media (BA)	1
Comm Studies: Org Comm (BA)	1
Criminal Justice (BA)	1
English: English Educ (BA)	1
Exercise Physiology (BS)	1
Health Sci: Health Educ (BS)	1
Health Sci: Hlth Srvc Adm (BS)	1
Jour: News (BA)	1
Jour: Public Relations (BA)	1
Natural Sciences: Gen Biol (BA)	1
Nursing: General (BS)	1
Psychology (Minor)	1
Sociology (BA)	1
SOSC: Multi Studies (BA)	1
<b>Grand Total</b>	<b>39</b>

Table 6 – List of majors of students earning each Pathway Minor – S17

GNEED Mnr Global Development	21
<b>Count of ACAD_PLAN_LDESC</b>	
Row Labels	Total
Latin American Studies (BA)	3
Spanish: Pre-Credential (BA)	3
Anthropology (BA)	2
Bus Admin: Project Mgmt (BS)	2
Social Work (BA)	2
Agricultural Business (BS)	1
Bus Admin: Entrepreneur (BS)	1
Bus Admin: Finance (BS)	1
Bus Admin: Management (BS)	1
Bus Admin: Marketing (BS)	1
Bus Admin:Human Resource(BS)	1
Bus Inf Sys: Oper & Supply(BS)	1
Comm Design: Media (BA)	1
Criminal Justice (BA)	1
English: English Educ (BA)	1
History: General History (BA)	1
Mechatronic Engineering (BS)	1
Multicultural Gender: Gen (BA)	1
Multicultural Gender:Woman(BA)	1
Psychology (BA)	1
RECR: Event Mgmt (BS)	1
<b>Grand Total</b>	<b>28</b>

GNEED Mnr Great Books & Idea	5
<b>Count of ACAD_PLAN_LDESC</b>	
Row Labels	Total
Art: Art Education (BA)	1
English: Literature (BA)	1
History: General History (BA)	1
International Relations (BA)	1
Pol Sci: Legal Studies (BA)	1
Theatre Arts (BA)	1
<b>Grand Total</b>	<b>6</b>

GNEED Mnr Health & Wellness	89
<b>Count of ACAD_PLAN_LDESC</b>	
Row Labels	Total
Exercise Physiology (BS)	25
Comm Science & Disorders (BA)	10
Health Sci: Health Educ (BS)	7
Biol: Cell & Molecular (BS)	5
Psychology (BA)	5
Health Sci: Hlth Srvc Adm (BS)	3
Nursing: General (BS)	3
Social Work (BA)	3
Sociology (BA)	3
Criminal Justice (BA)	2
Kinesiology: Movement St (BA)	2
Nutr & Food: Comm (BS)	2
Nutr & Food: Gen Diet (BS)	2
SOSC: Spec Studies (BA)	2
Agri: Crops, Hort, Land (BS)	1
Anthropology (BA)	1
Biol: Ecol, Evol & Organ (BS)	1
Bus Admin: Project Mgmt (BS)	1
Child Development (BA)	1
Comm Design: Media (BA)	1
Comm Studies: Org Comm (BA)	1
English: English Educ (BA)	1
History: General History (BA)	1
History: Pre Credential (BA)	1
Math: General Math (BS)	1
Math: Statistics (BS)	1
Microbio: Clinical Lab (BS)	1
Music: Music Industry (BA)	1
Music: Recording Arts (BA)	1
RECR: Comm/Comm/Tour (BS)	1
RECR: Event Mgmt (BS)	1
Spanish: General (BA)	1
Spanish: Pre-Credential (BA)	1
<b>Grand Total</b>	<b>93</b>

GNEED Mnr in International Stdy	51
<b>Count of ACAD_PLAN_LDESC</b>	
Row Labels	Total
International Relations (BA)	9
Bus Admin: Finance (BS)	8
Asian Studies (BA)	3
Bus Admin: Management (BS)	3
Social Work (BA)	3
Art: Art Studio (BFA)	2
Bus Admin: Marketing (BS)	2
Bus Admin: Project Mgmt (BS)	2
Bus Inf Sys: Mgmt Inf Sys (BS)	2
Comm Design: Media (BA)	2
Comm Studies: Org Comm (BA)	2
History: Pre Credential (BA)	2
Humanities (BA)	2
Spanish: General (BA)	2
Art: Art History (BA)	1
Biol: Cell & Molecular (BS)	1
Bus Admin: Entrepreneur (BS)	1
Civil Engineering (BS)	1
Comm Studies: Comm Pub Aff(BA)	1
Computer Science (BS)	1
Criminal Justice (BA)	1
Exercise Physiology (BS)	1
French (BA)	1
Geog: Physical & Env (BA)	1
German (BA)	1
Latin American Studies (BA)	1
Mechanical Engineering (BS)	1
Nutr & Food: Comm (BS)	1
Pol Sci: Legal Studies (BA)	1
Theatre Arts (BA)	1
<b>Grand Total</b>	<b>60</b>

GNEED Mnr Science Tech Values	18
<b>Count of ACAD_PLAN_LDESC</b>	
Row Labels	Total
Biol: Cell & Molecular (BS)	2
Bus Admin: Marketing (BS)	2
Comm Design: Media (BA)	2
Computer Anim: Animation(BS)	2
Bus Admin: Entrepreneur (BS)	1
Bus Inf Sys: Mgmt Inf Sys (BS)	1
Comm Design: Graphic Des (BA)	1
Comm Design: Mass Comm (BA)	1
Envrn Sci: Hydrology (BS)	1
Health Sci: Health Educ (BS)	1
Jour: News (BA)	1
Jour: Public Relations (BA)	1
Music: General Music (BA)	1
Musical Theatre (BA)	1
Psychology (BA)	1
<b>Grand Total</b>	<b>19</b>

GNEED Mnr Sustainability	26
<b>Count of ACAD_PLAN_LDESC</b>	
Row Labels	Total
Civil Engineering (BS)	2
Envrn Sci: Appl Ecology (BS)	2
Poli Sci: Gnrl Poli Sci (BA)	2
Agri: Crops, Hort, Land (BS)	1
Agricultural Business (BS)	1
Animal Science (BS)	1
Biological Sciences (BA)	1
Bus Admin: Finance (BS)	1
Bus Admin: Marketing (BS)	1
Bus Admin: Project Mgmt (BS)	1
Bus Admin:Human Resource(BS)	1
Comm Science & Disorders (BA)	1
Comm Studies: Comm Pub Aff(BA)	1
Construction Management (BS)	1
Envrn Sci: Hydrology (BS)	1
Health Sci: Health Educ (BS)	1
History: General History (BA)	1
International Relations (BA)	1
Jour: Public Relations (BA)	1
Mathematics: Applied Math (BS)	1
Music: General Music (BA)	1
Musical Theatre (BA)	1
Psychology (BA)	1
RECR: Event Mgmt (BS)	1
RECR: Parks & Natl Rsrc (BS)	1
<b>Grand Total</b>	<b>28</b>

Table 6 (continued) – List of majors of students earning each Pathway Minor – S17

To get a better idea as to what GE courses our students were taking, a randomly selected subset of 100 of the S17 graduates were selected for further analysis.

UD Sequence	Students
Diversity	2
Ethics Justice Policy	12
Food Studies	5
Gender Sexuality	9
Global Development	4
Great Books & Ideas	0
Health Wellness	19
International	3
Sci Tech Values	4
Sustainability	3
None (Honors)	2
None (LBST)	2
None (Major Sub)	19
None (Old System)	2
None (Study Abroad)	1
None (Substituted)	13
TOTAL	100

Table 12 – completion of UD GE pathway course sequences. Those in red did not complete the 3-course sequences; their reasons are noted.

Of these 100 randomly selected S17 graduates, 16 of them earned Pathway minors, including one student who earned two pathway minors. To get a sense for how students are meeting their requirements of 6 courses (3 lower-division and 3 upper-division) to earn a pathway minor, these 16 students' records were reviewed and the numbers of courses they took in the pathway determined. Table 12A below lists some information about these students, including names, demographics, majors, Pathway minors, and how many courses they completed (or for which they were granted substitutions) within their pathway.

Alma Hispanic Female Double Major: Child Dev. and Psychology Ethics/Justice/Policy Minor	Annie Asian Female Double Major: Psychology & Social Work Ethics/Justice/Policy Minor	Diana Hispanic Female Double Major: Child Dev. and Psychology Ethics/Justice/Policy Minor	Kathy Hispanic Female Major: Business Admin (HR) Ethics/Justice/Policy Minor
7 courses in pathway 1 Foreign Language Class 3x LD GE courses (D1, D2, E) 3x UD GE courses	7 courses in pathway 1 Foreign Language Class 3x LD GE courses (D1, D2, E) 3x UD GE courses	9 courses in pathway 1 Foundation Assoc. (A1) 1 Foreign Language Class 4x LD GE courses (C1, D1, D2, E) 3x UD GE courses	7 courses in pathway 1 Foundation Assoc. (A1) 1 Foreign Language Class 2x LD GE courses (D1, D2) 3x UD GE courses

<p>Esther Asian Female Major: Comm. Sci. &amp; Disorders Gender/Sexuality Minor</p> <p><u>6 courses in pathway</u> 1 Foreign Language Class 2x LD GE courses (D2, E) 3x UD GE courses</p>	<p>Rebecca White Female Double Major: Child Dev. and Natural Sci. (Biol.) Gender/Sexuality Minor</p> <p><u>7 courses in pathway</u> 1 Foundation Assoc. (A2) 1 Foreign Language Class 2x LD GE courses (C1, D1) 3x UD GE courses</p>	<p>Alan White Male Major: History Global Development Minor Sustainability Minor G.D. Sust.</p> <p><u>6 courses</u>      <u>6 courses</u> 2 LD transfer    3 LD GE 1 LD GE (C1)    (C1, D2, E) 3 UD GE          3 UD GE (1 UD GE double counted)</p>	<p>Linda Asian Female Major: Nursing Health &amp; Wellness Minor</p> <p><u>6 courses in pathway</u> 1 Foundation Assoc. (B2) 1 Foreign Language Class 1 LD GE course (D2) 3x UD GE courses</p>
<p>Megan White Female Major: Social Science Health &amp; Wellness Minor</p> <p><u>6 courses in pathway</u> 1 Foundation Assoc. (B2) 2x LD Transfer courses 3x UD GE courses</p>	<p>Meghan White Female Major: Psychology Health &amp; Wellness Minor</p> <p><u>6 courses in pathway</u> 3x LD Transfer courses 3x UD GE courses</p>	<p>Randi Black Female Major: Exercise Physiology Health &amp; Wellness Minor</p> <p><u>9 courses in pathway</u> 1 Foundation Assoc. (B2) 1 Foreign Language Class 4x LD GE courses (C1, D1, D2, E) 3x UD GE courses</p>	<p>Brittany White Female Major: Exercise Physiology Health &amp; Wellness Minor</p> <p><u>7 courses in pathway</u> 1 Foundation Assoc. (B2) 3x LD GE courses (C1, C2, D2) 2x UD GE courses 1 UD GE course Sub*</p>
<p>Willis Two+ Race Male Double Major: German and Mechanical Engineering International Study Minor</p> <p><u>6 courses in pathway</u> 1 Foreign Language Class 2x LD Transfer courses 3x GE credit for Study Abroad</p>	<p>McKenna White Female Major: Business Admin (Marketing) Sci/Tech/Values Minor</p> <p><u>8 courses in pathway</u> 3 Foundation Assoc. (A2, B1, B2) 2x LD GE courses (D1, E) 3x UD GE courses</p>	<p>Kiaya White Female Major: Business Admin (Project Management) Sustainability Minor</p> <p><u>6 courses in pathway</u> 2x LD Honors Courses 1 Foreign Language Class 2x UD GE courses 1x UD Honors course</p>	<p>Masam White Male Major: Applied Math Sustainability Minor</p> <p><u>6 courses in pathway</u> 1 Foundation Assoc. (B2) 2x LD GE courses (D1, E) 1x UD GE course 2x UD GE course Subs*</p>

Table 12A – Profiles of the 16 students (of 100 randomly selected S17 graduates) earning Pathway Minors