

SCHOOL OF LIBERAL ARTS

PSYCHOLOGY AND ENGLISH PROGRAM PRESSURE TESTS

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What is a pressure test and why do one?

○ GGC Program Academic Maps – pathways to graduation in four years



○ Impediments to student progress towards graduation: Logical pressure points and data regarding them



○ Conclusions and recommendations

Impediments to student progress towards graduation

1) **Credits taken:** If the student is unable to, or chooses not to, take sufficient credits each semester.

2) **Course sequencing:** If a student is not properly advised, or fails to take the advice given, regarding course sequencing.

3) **Course completion:** If the student does not achieve the requisite course grade to advance.

4) **Course offerings:** If the program is unable to offer a sufficient number of required course sections at diverse days/times to meet student demand/need.



GGC Psychology Program Fast Facts

Majors: 972 majors (Fall 2019, Spring 2020)

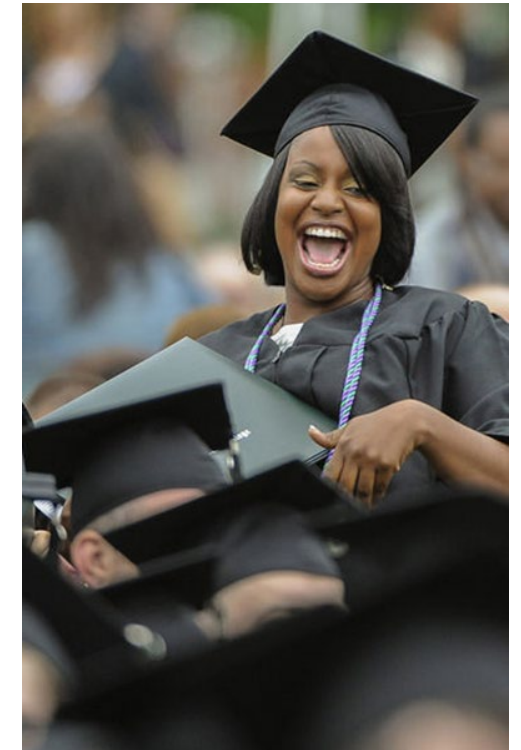
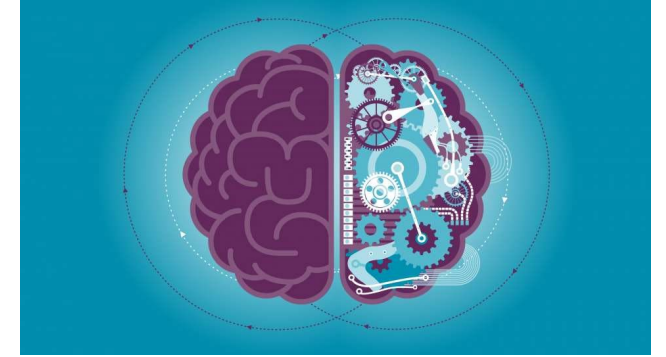
Gender: Female: 76.4%; Male: 23.6%

Age: Traditional age 86.1%; Ages 18-22: 63.4%

Race/Ethnicity:

Black or African American: 43.5%; White: 25.6%; Hispanic: 24.5%; Asian: 5.9%; Multiracial: 5.6%

Graduates: 116 over Summer 2019, Fall 2019, and Spring 2020. 10.3% of all GGC graduates in the academic year



Psychology Program Academic Map

This academic map is a suggested four-year schedule of courses based on degree requirements in the GGC catalog. This sample schedule serves as a general guideline to help build a full schedule each term. *Missing milestones could delay your program.*

Name: _____

ID: _____

FRESHMAN FALL			FRESHMAN SPRING			FRESHMAN SUMMER		
Course	Hours		Course	Hours		Course	Hours	
<input type="checkbox"/> ENGLISH COMPOSITION 1 ENGL 1101	3		<input type="checkbox"/> ENGLISH COMPOSITION 2 ENGL 1102	3		FIND A VOLUNTEER SERVICE OPPORTUNITY		
<input type="checkbox"/> MATH MATH 1401 (strongly preferred) or MATH 1001 or MATH 1111	3		<input type="checkbox"/> NATURAL SCIENCE 1 BIOL 1101K, CHEM 1151K or PSY 1101K	4				
<input type="checkbox"/> ITEC 1 ITEC 1001	4		<input type="checkbox"/> U.S. HISTORY HIST 2111 OR 2112	3				
<input type="checkbox"/> AMERICAN GOVERNMENT POLS1101	3		<input type="checkbox"/> ABNORMAL PSYCHOLOGY PSYC 2400	3				
<input type="checkbox"/> INTRODUCTION TO PSYCHOLOGY PSYC 1102	3		<input type="checkbox"/> LIFESPAN DEVELOPMENT PSYC 2500	3				
TOTAL		16	TOTAL		16			
RUNNING TOTAL		16	RUNNING TOTAL		32			
SOPHOMORE FALL			SOPHOMORE SPRING			SOPHOMORE SUMMER		
<input type="checkbox"/> NATURAL SCIENCE 2 BIOL 1102, CHEM 1152K or PSY 1102	3		<input type="checkbox"/> SOCIAL SCIENCE SOCL 1101/ANTH 1102	3		FIND A VOLUNTEER SERVICE OPPORTUNITY GET AN INTERNSHIP PLAN TO STUDY ABROAD NEXT SUMMER		
<input type="checkbox"/> ITEC 2 ITEC 2110 or 2120	4		<input type="checkbox"/> GENERAL ELECTIVE COURSE (ANY LEVEL)	3				
<input type="checkbox"/> HUMANITIES / FINE ARTS 2 RELN 1100 / GEOG 1101 / 2000-LEVEL FOREIGN LANGUAGE	3		<input type="checkbox"/> HUMANITIES / FINE ARTS 1 MUSC 1100 / ARTS 1100 / ENGL 2111, 2112, 2121, 2122, 2131, or 2132 / FILM 1005	3				
<input type="checkbox"/> WRITING IN PSYCHOLOGY PSYC 2010	3		<input type="checkbox"/> SOCIAL PSYCHOLOGY PSYC 3301	3				
<input type="checkbox"/> INTRODUCTION TO NEUROSCIENCE PSYC 3210	3		<input type="checkbox"/> STATISTICS FOR BEH. SCIENCES PSYC 3020	4				
TOTAL		16	TOTAL		16			
RUNNING TOTAL		48	RUNNING TOTAL		64			

JUNIOR FALL			JUNIOR SPRING			JUNIOR SUMMER					
<input type="checkbox"/> RESEARCH METHODS & DESIGN PSYC 3030	4		<input type="checkbox"/> 1 3000 LEVEL SPECIALIZATION COURSE	3		FIND A VOLUNTEER SERVICE OPPORTUNITY					
<input type="checkbox"/> LEARNING & BEHAVIOR OR COGNITIVE PSYCHOLOGY PSYC 3100 OR 3110	3		<input type="checkbox"/> 1 COURSE ON LIST OF AREA F COURSES	3		FIND AN UNDERGRADUATE RESEARCH OPPORTUNITY					
<input type="checkbox"/> APPLICATIONS IN PSYCHOLOGY PSYC 3000	3		<input type="checkbox"/> ADDITIONAL 3000 OR 4000 LEVEL PSYC COURSE	3		STUDY ABROAD					
<input type="checkbox"/> 1 COURSE ON LIST OF AREA F COURSES	3		<input type="checkbox"/> 1 GENERAL ELECTIVE COURSE (3000 OR 4000 LEVEL)	3							
<input type="checkbox"/> 1 3000 LEVEL SPECIALIZATION COURSE	3		<input type="checkbox"/> 1 GENERAL ELECTIVE COURSE (ANY LEVEL)	3							
			<input type="checkbox"/> CHOICES FOR LIFE PHED 1101	1							
	TOTAL	16		TOTAL	16						
	RUNNING TOTAL	80		RUNNING TOTAL	96						
SENIOR FALL			SENIOR SPRING			Graduation in May!					
<input type="checkbox"/> 1 3000 LEVEL SPECIALIZATION COURSE	3		<input type="checkbox"/> HISTORY HIST 1111, 1112, 1121, 1122, 2111, or 2112 (take one of these courses not already completed)	3							
<input type="checkbox"/> 1 GENERAL ELECTIVE COURSE (ANY LEVEL)	3		<input type="checkbox"/> GENERAL ELECTIVE COURSE (ANY LEVEL)	3							
<input type="checkbox"/> 1 GENERAL ELECTIVE COURSE (ANY LEVEL)	3		<input type="checkbox"/> GENERAL ELECTIVE COURSE (ANY LEVEL)	3							
<input type="checkbox"/> HISTORY & SYSTEMS PSYC 4600	4		<input type="checkbox"/> GENERAL ELECTIVE COURSE (ANY LEVEL)	3							
<input type="checkbox"/> PHYSICAL EDUCATION Any PHED except 1101	1		<input type="checkbox"/> PHYSICAL EDUCATION Any PHED except 1101	1							
	TOTAL	14		TOTAL	13						
	RUNNING TOTAL	110		RUNNING TOTAL	123						

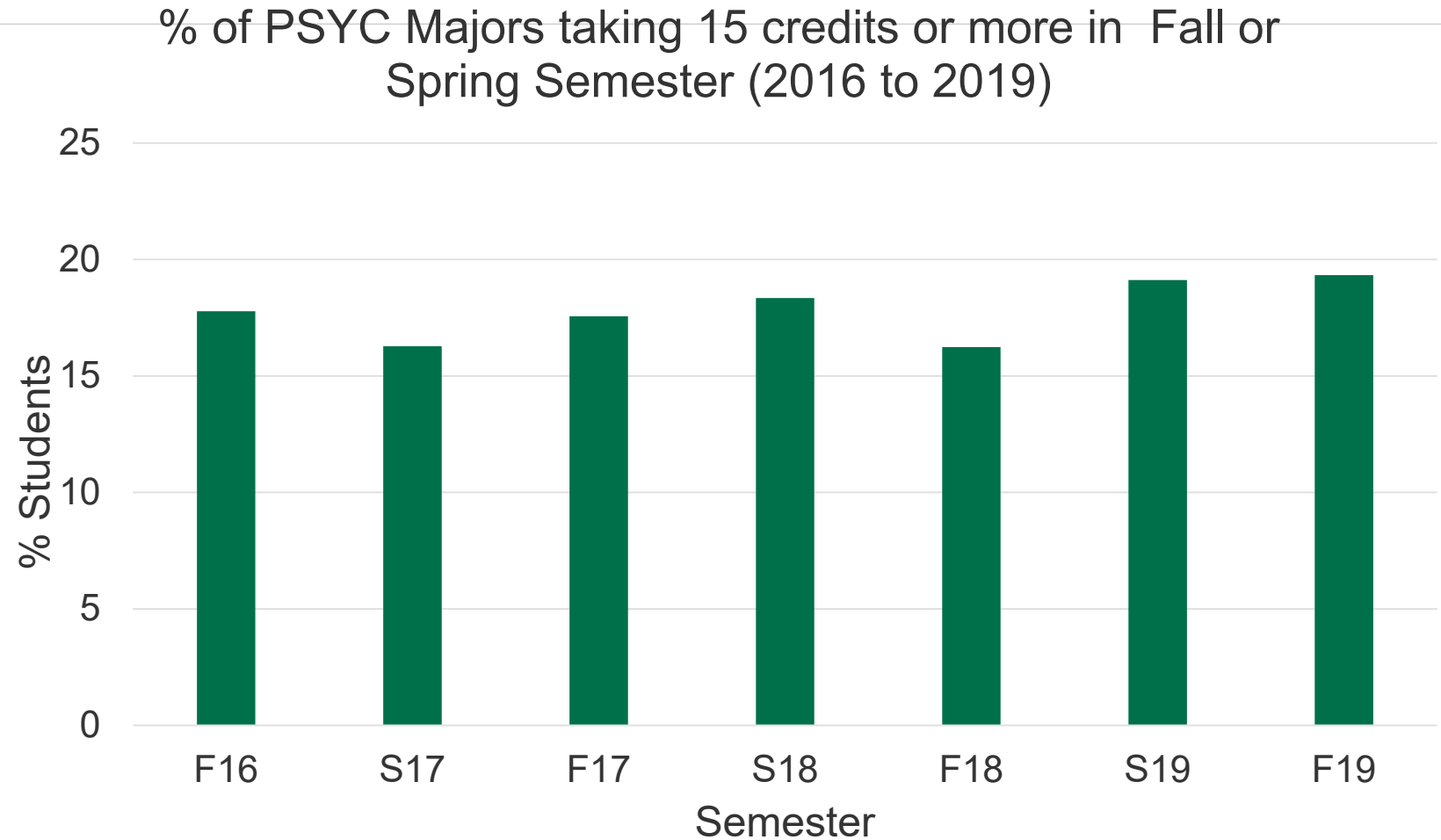
This map is not a substitute for academic advisement—contact your advisor if you have any questions about scheduling or about your degree requirements. Also see the current undergraduate catalog for a complete list of requirements, electives, and pre-requisites. *Note: Requirements are continually under revision, and there is no guarantee they will not be changed or revoked; contact the department and/or program area for current information. Specific summer courses may not be offered as planned. Created based on the GGC Psychology Program requirements.* 04-10-19 -v3

Scheduling Tips:



Psychology major credits taken by year

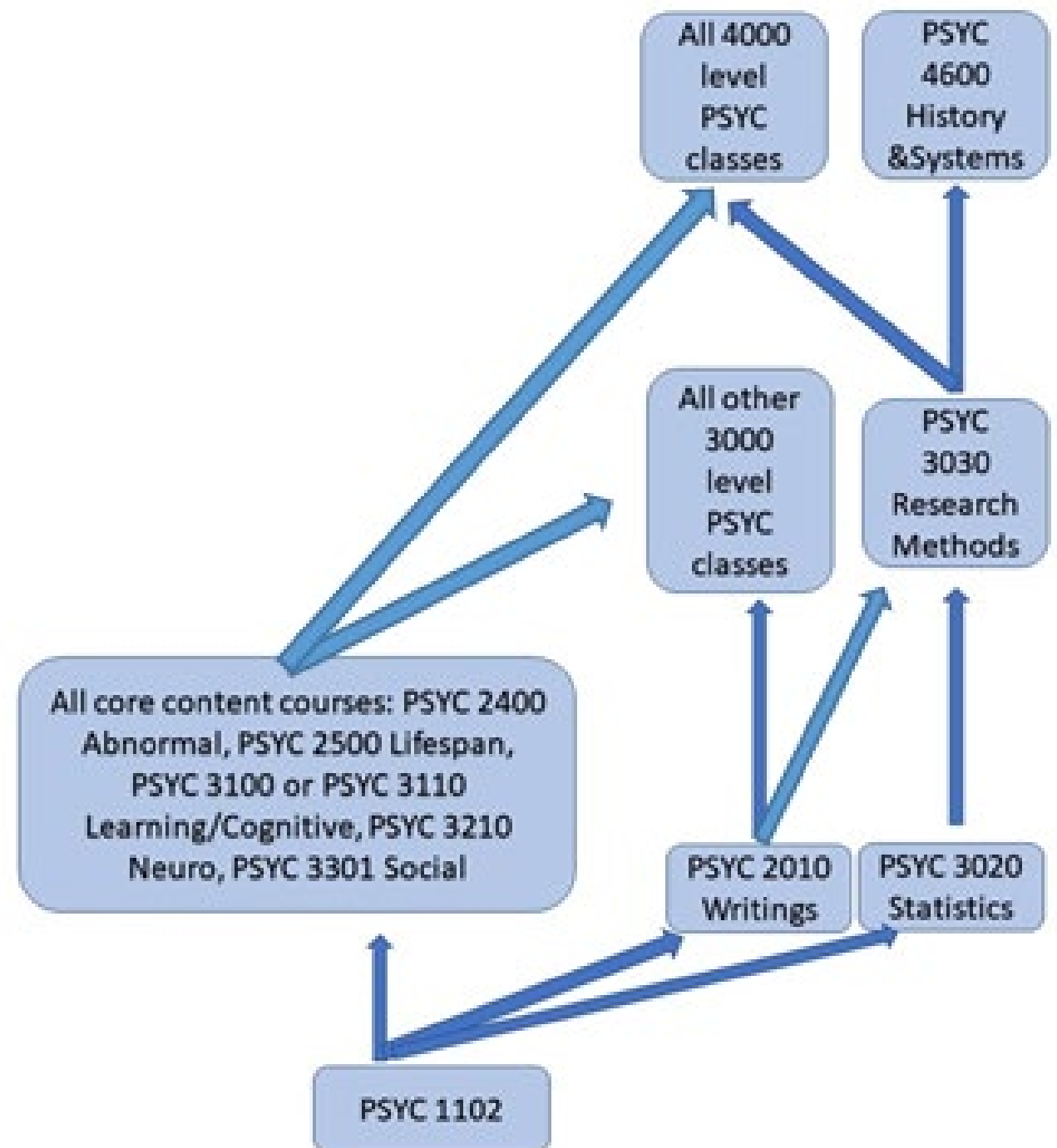
- Over three years, Psychology majors have taken 11.86 credits on average where the semester-to-semester variability was low.
- The minimum semester average was 11.74 (Fall 2018) and the maximum semester average was 12.0 (Fall 2017).



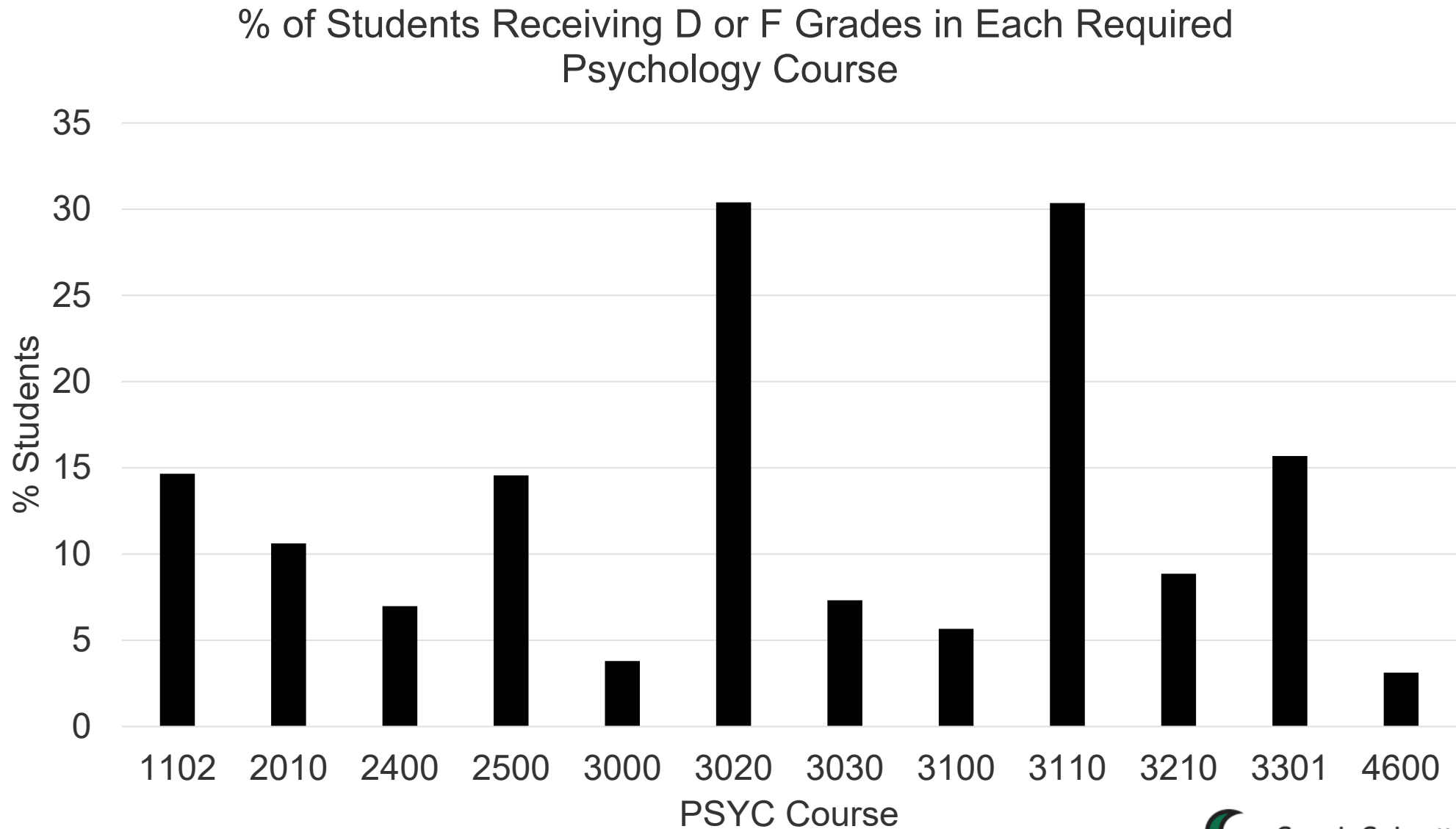
- Over the same time period 14.8% took 8 or fewer credits, 16.3% took 9-11, 51.1% took 12 to 14, and 17.8% took 15 and above.

Course sequencing

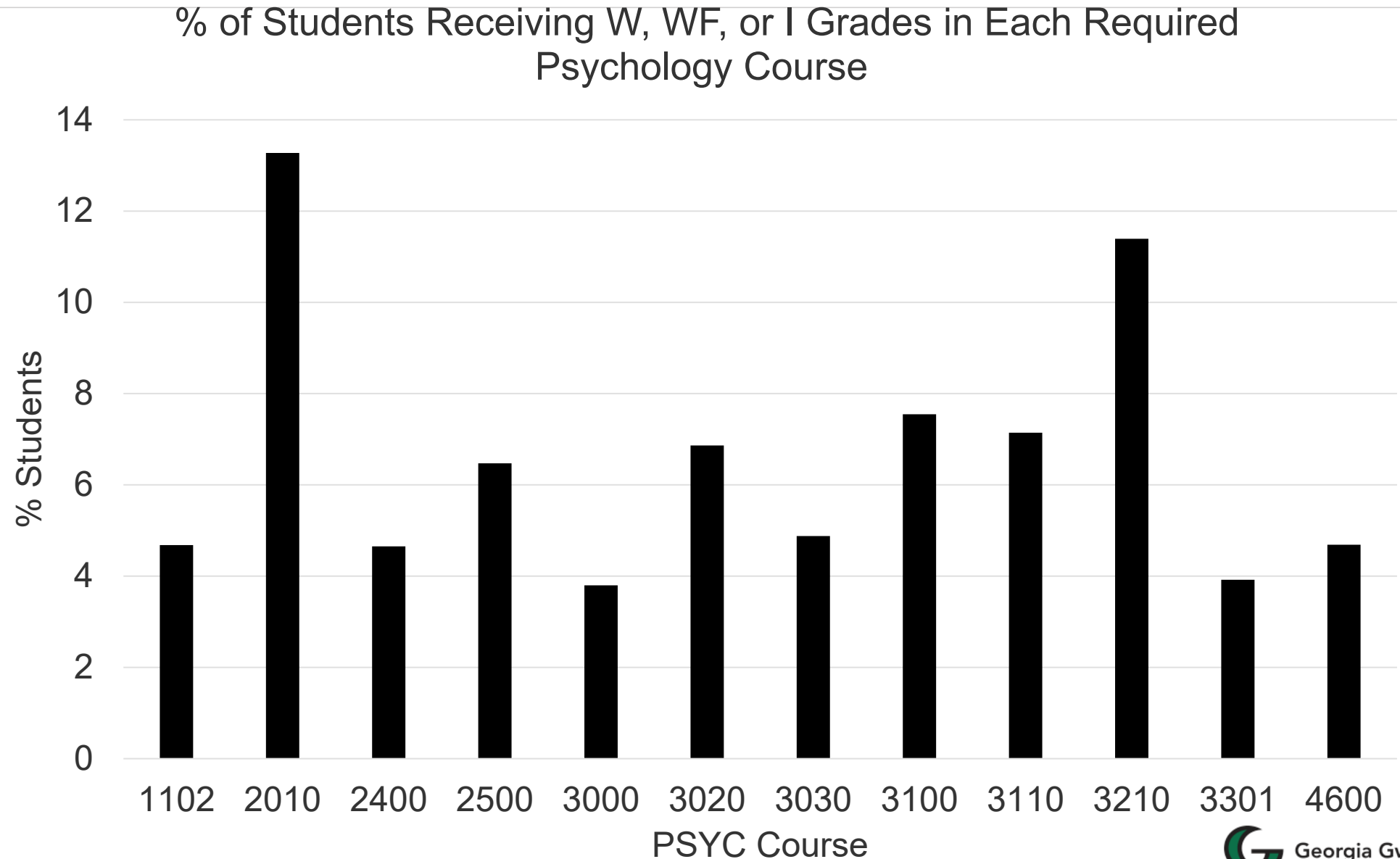
- The psychology major has a number of required core content courses that can be taken with only PSYC 1102 as a prerequisite (2400, 2500, 3100, 3110, 3210, 3301).
- However, the core foundation courses are sequenced such that PSYC 2010 is a prereq for PSYC 3000 and many other 3000 level specialization courses; PSYC 3020 is a prereq for PSYC 3030, and; PSYC 3030 is a co-req for PSYC 4600 and a prereq for all other PSYC 4000 level



Failure rate in core PSYC courses



Withdraw/incomplete rate in core PSYC courses



Explanations for DFW rates in program courses

- Individual faculty teaching / grading practices?
- Challenging material?
- Better pre-requisites needed?
- Timing of course selection—better advising?

DFW rate in area A to E courses for psychology majors

○ The DFW rate for area A to E courses for PSYC majors in the Fall 2016 to Fall 2019 timeframe has been consistently 25 to 29% overall.

○ The area A to E courses that Psychology majors struggle with most are reported in the table showing the five highest D/F/W rates by semester for courses that at least five students enrolled in; reported as course, % D/F/W (total number of PSYC majors who took that course that semester).

Semester	1st rank course	2nd rank course	3rd rank course	4th rank course	5th rank course
Fall 2016	CHEM 1151K, 75% (8)	HIST-1112, 61% (18)	MATH-1111, 52% (44)	ENGL-1101, 41% (88)	PSCI-1101K, 39% (18)
Spring 2017	CHEM 1151K, 71% (7)	MATH-1111, 47% (17)	HIST 1121, 40% (10)	ITEC-2110, 36% (61)	HIST-1122, 31% (13)
Fall 2017	PSCI-1101K, 65% (23)	ECON-2100, 50% (6)	HIST-1122, 43% (14)	CHEM-1151K, 42% (12)	MATH-1111, 33% (45)
Spring 2018	CHEM-1151K 57% (7)	MATH-1111, 53% (34)	MUSC-1100, 43% (37)	ITEC-1001, 37% (79)	MATH-1001, 36% (22)
Fall 2018	CHEM-1151K 64% (11)	MATH-1111, 52% (23)	ITEC-2120, 46% (13)	ENGL-1102, 41% (90)	RELN-1100, 38% (68)
Spring 2019	CHEM-1151K, 54% (13)	MATH-1111, 50% (20)	PSCI-1101K, 47% (19)	ITEC-2120, 46% (13)	MATH 1001, 38% (29)
Fall 2019	CHEM-1151K, 54% (13)	ITEC-2120, 50% (10)	MATH-1111, 47% (30)	MUSC-1100, 43% (51)	PSCI-1101K, 42% (31)

Course offerings

- Strong efforts to offer the correct number of sections for each of the required courses, at diverse days/times to meet student need
- Created using years of enrollment data and allows for multiple sections of each of the core foundation courses (1102, 2010, 3000, 3020, 3030, and 4600) and the core content courses (2400, 2500, 3100, 3110, 3210, 3301).
- Allows for approximately 10 sections of 3000 level specialization courses and 6 sections of 4000 level specialization courses each semester.

Psychology Two Year Plan (Adopted Nov 1, 2018; two year rotation begins Fall 2019)

Specializations are CP = clinical/personality, CN = cognitive/neuroscience, SA = social/applied, DE = Developmental/Educational

# of sections to be offered in each two year period [[specialization in brackets]]	Year 1		Year 2	
	Fall	Spring	Fall	Spring
124	PSYC 1102 Introduction to Psychology (35 sections)	PSYC 1102 Introduction to Psychology (27 sections)	PSYC 1102 Introduction to Psychology (35)	PSYC 1102 Introduction to Psychology (27)
20	PSYC 2010 Writing in Psychology (6)	PSYC 2010 Writing in Psychology (4)	PSYC 2010 Writing in Psychology (6)	PSYC 2010 Writing in Psychology (4)
24	PSYC 2400 Abnormal Psychology (6)	PSYC 2400 Abnormal Psychology (6)	PSYC 2400 Abnormal Psychology (6)	PSYC 2400 Abnormal Psychology (6)
46	PSYC 2500 Lifespan Developmental Psychology (12)	PSYC 2500 Lifespan Developmental Psychology (11)	PSYC 2500 Lifespan Developmental Psychology (12)	PSYC 2500 Lifespan Developmental Psychology (11)
12	PSYC 3000 Applications in Psychology (3)	PSYC 3000 Applications in Psychology (3)	PSYC 3000 Applications in Psychology (3)	PSYC 3000 Applications in Psychology (3)
20	PSYC 3020 Statistics for the Behavioral Sciences (5)	PSYC 3020 Statistics for the Behavioral Sciences (5)	PSYC 3020 Statistics for the Behavioral Sciences (5)	PSYC 3020 Statistics for the Behavioral Sciences (5)
14	PSYC 3030 Research Methods and Design (4)	PSYC 3030 Research Methods and Design (3)	PSYC 3030 Research Methods and Design (4)	PSYC 3030 Research Methods and Design (3)
8	PSYC 3100 Learning and Behavior (2)	PSYC 3100 Learning and Behavior (2)	PSYC 3100 Learning and Behavior (2)	PSYC 3100 Learning and Behavior (2)
8	PSYC 3110 Cognitive Psychology (2)	PSYC 3110 Cognitive Psychology (2)	PSYC 3110 Cognitive Psychology (2)	PSYC 3110 Cognitive Psychology (2)
2 [[CN]]	PSYC 3120 Sensation and Perception (1)	PSYC 3120 Sensation and Perception (0)	PSYC 3120 Sensation and Perception (1)	PSYC 3120 Sensation and Perception (0)
2 [[CN]]	PSYC 3130 Cognitive Neuroscience (0)	PSYC 3130 Cognitive Neuroscience (1)	PSYC 3130 Cognitive Neuroscience (0)	PSYC 3130 Cognitive Neuroscience (1)

Conclusions and recommendations

- 1) Work with GGC stakeholders to improve overall ability for students to enroll full-time (e.g. financial aid).
- 2) Continue to work with students on proper course sequencing (e.g. via mentoring or professional academic advising).
- 3) Hire additional psychology faculty to enable additional course offerings to meet student need.
- 4) Make MATH 1401 Basic Statistics the “strongly recommended” Area A option for Psychology majors.

Conclusions and recommendations cont.

- 5) Continue to explore methods to improve psychology major performance in PSYC 2010 Writings in Psychology and PSYC 3020 Statistics for the behavioral sciences.
- 6) Advise psychology majors to consider BIOL for their Area D requirement unless they have a strong desire or need for the CHEM or PSCI options.
- 7) Advise psychology majors to consider the ITEC 2110 Digital Media course for their Area D requirement unless they have a strong desire or need for ITEC 2120 Introduction to Programming.
- 8) Continue pressure testing to track progress on the impediments described above

English program structure

➤ Four Concentrations

- Language and Literature
- Interdisciplinary Studies
- Writing and Rhetoric
- Educator Prep Program (with School of Ed)

➤ Four required courses of All Majors

- ENGL 2111/2112 World Literature I or II
- ENGL 3040 Language and Linguistics
- ENGL 4000 Internship
- ENGL 4850 Senior Seminar

➤ Two required Content Areas and Foreign Language

- Language and Literature (3 courses)
- Writing and Rhetoric (2 courses)
- Intermediate Foreign Language Competency

➤ Concentration specific required courses, e.g. in Writing & Rhetoric

- ENGL 2801 Intro to Rhetorical Studies
- ENGL 3600 Advanced Composition

➤ Concentration Area Electives

English Writing & Rhetoric Concentration Map

This academic map is a suggested four-year schedule of courses based on degree requirements in the GGC catalog. This sample schedule serves as a general guideline to help build a full schedule each term. *Missing milestones could delay your program.*

Name: _____

ID: _____

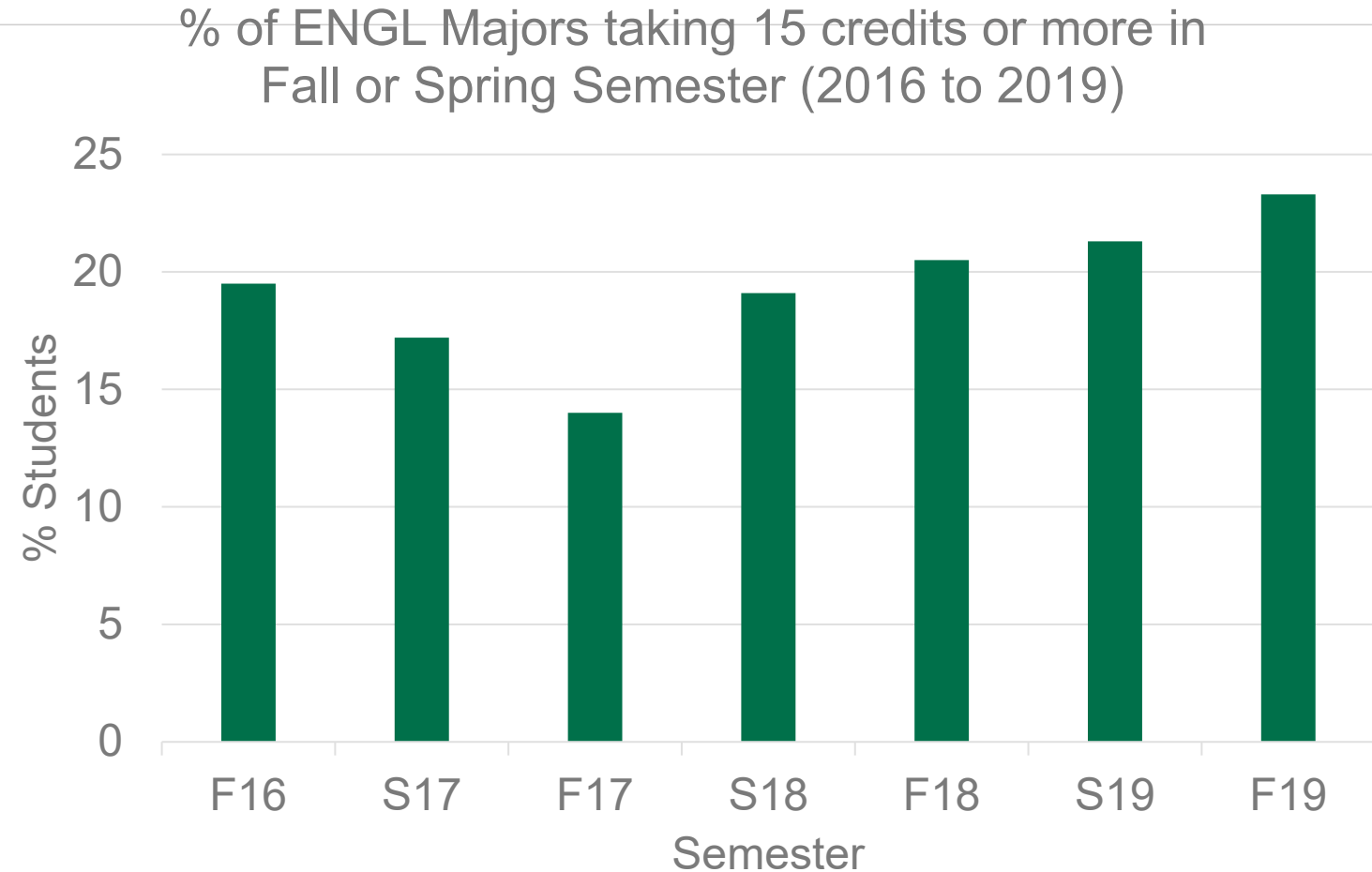
FRESHMAN FALL		FRESHMAN SPRING		FRESHMAN SUMMER	
Course	Hours	Course	Hours	Course	Hours
<input type="checkbox"/> ENGLISH COMPOSITION 1 ENGL 1101	3	<input type="checkbox"/> ENGLISH COMPOSITION 2 ENGL 1102	3	FIND A VOLUNTEER SERVICE OPPORTUNITY	
<input type="checkbox"/> Quant. Skills & Reasoning MATH 1001	3	<input type="checkbox"/> U.S. HISTORY HIST 2111 OR 2112	3	FOREIGN LANGUAGE STUDY	
<input type="checkbox"/> INTRODUCTION TO COMPUTING ITEC 1001	4	<input type="checkbox"/> DIGITAL MEDIA ITEC 2110	4		
<input type="checkbox"/> NATURAL SCIENCE 1 PSCI 1101K, BIOL 1101K, or CHEM 1151K	4	<input type="checkbox"/> NATURAL SCIENCE 2 PSCI 1102, BIOL 1102, or CHEM 1152K	3		
<input type="checkbox"/> CHOICES FOR LIFE PHED 1101	1	<input type="checkbox"/> FOREIGN LANGUAGE OR 2XXX GENERAL ELECTIVE SPAN 1001, FREN 1001, CHIN 1001	3		
TOTAL	15	TOTAL	16		
RUNNING TOTAL	15	RUNNING TOTAL	31		
SOPHOMORE FALL		SOPHOMORE SPRING		SOPHOMORE SUMMER	
Course	Hours	Course	Hours	Course	Hours
<input type="checkbox"/> WORLD LITERATURE ENGL 2110, 2111, 2112	3	<input type="checkbox"/> MODERN GRAMMAR ENGL 2050	3	FIND A VOLUNTEER SERVICE OPPORTUNITY	
<input type="checkbox"/> INTRO TO RHETORICAL STUDIES ENGL 2801	3	<input type="checkbox"/> AMERICAN/BRITISH LITERATURE ENGL 2121, 2122, 2131, 2132 (not already completed)	3	FOREIGN LANGUAGE STUDY	
<input type="checkbox"/> AMERICAN GOVERNMENT POLS 1101	3	<input type="checkbox"/> SOCIAL SCIENCE PSYC 1102/SOCI 1101/ANTH 1102	3	PLAN TO STUDY ABROAD NEXT SUMMER	
<input type="checkbox"/> GLOBAL STUDIES RELN 1100, GEOG 1101	3	<input type="checkbox"/> HISTORY HIST 1111, 1112, 1121, 1122, 2111, or 2112 (take one of these courses not already completed)	3		
<input type="checkbox"/> FOREIGN LANGUAGE OR 2XXX GENERAL ELECTIVE SPAN 1002, FREN 1002, CHIN 1002	3	<input type="checkbox"/> FOREIGN LANGUAGE OR 2XXX GENERAL ELECTIVE SPAN 2001, FREN 2001, CHIN 2001	3		
<input type="checkbox"/> PHYSICAL EDUCATION Any PHED except 1101	1	<input type="checkbox"/> PHYSICAL EDUCATION Any PHED except 1101	1		
TOTAL	16	TOTAL	16		
RUNNING TOTAL	47	RUNNING TOTAL	63		

JUNIOR FALL			JUNIOR SPRING			JUNIOR SUMMER		
<input type="checkbox"/> LANGUAGE/LITERATURE REQUIREMENT	3		<input type="checkbox"/> ENGLISH LANGUAGE & LINGUISTICS	3		FIND A VOLUNTEER SERVICE OPPORTUNITY GET AN INTERNSHIP STUDY ABROAD		
ENGL 3001, ENGL 3XXX (THAT SATISFIES L/L REQUIREMENT)			ENGL 3040					
<input type="checkbox"/> ADVANCED COMPOSITION	3		<input type="checkbox"/> WRITING/RHETORIC ELECTIVE	3				
ENGL 3600			ENGL 3XXX/4XXX (THAT SATISFIES W/R REQUIREMENT)					
<input type="checkbox"/> WRITING/RHETORIC REQUIREMENT	3		<input type="checkbox"/> WRITING/RHETORIC ELECTIVE	3				
ENGL 3XXX (THAT SATISFIES W/R REQUIREMENT)			ENGL 3XXX/4XXX (THAT SATISFIES W/R REQUIREMENT)					
<input type="checkbox"/> WRITING/RHETORIC ELECTIVE	3		<input type="checkbox"/> WRITING/RHETORIC ELECTIVE	3		Graduation in May! Concentration in Writing and Rhetoric		
ENGL 3XXX/4XXX (THAT SATISFIES W/R REQUIREMENT)			ENGL 3XXX/4XXX (THAT SATISFIES W/R REQUIREMENT)					
<input type="checkbox"/> GENERAL ELECTIVE	3		<input type="checkbox"/> GENERAL ELECTIVE	3				
3XXX/4XXX ELECTIVE			3XXX/4XXX ELECTIVE					
TOTAL	15		TOTAL	15				
RUNNING TOTAL	78		RUNNING TOTAL	93				
SENIOR FALL			SENIOR SPRING					
<input type="checkbox"/> LANGUAGE/LITERATURE REQUIREMENT	3		<input type="checkbox"/> LANGUAGE/LITERATURE REQUIREMENT	3				
ENGL 3XXX/4XXX (THAT SATISFIES L/L REQUIREMENT)			ENGL 3XXX/4XXX (THAT SATISFIES L/L REQUIREMENT)					
<input type="checkbox"/> WRITING/RHETORIC ELECTIVE	3		<input type="checkbox"/> WRITING/RHETORIC ELECTIVE	3				
ENGL 3XXX/4XXX (THAT SATISFIES W/R REQUIREMENT)			ENGL 3XXX/4XXX (THAT SATISFIES W/R REQUIREMENT)					
<input type="checkbox"/> WRITING/RHETORIC ELECTIVE	3		<input type="checkbox"/> WRITING/RHETORIC ELECTIVE	3				
ENGL 3XXX/4XXX (THAT SATISFIES W/R REQUIREMENT)			ENGL 3XXX/4XXX (THAT SATISFIES W/R REQUIREMENT)					
<input type="checkbox"/> ENGLISH INTERNSHIP	3		<input type="checkbox"/> SENIOR SEMINAR	3				
ENGL 4000			ENGL 4850					
<input type="checkbox"/> GENERAL ELECTIVE	3		<input type="checkbox"/> GENERAL ELECTIVE	3				
3XXX/4XXX ELECTIVE			3XXX/4XXX ELECTIVE					
TOTAL	15		TOTAL	15				
RUNNING TOTAL	108		RUNNING TOTAL	123				

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English major credits taken by year

- English majors have taken 11.68 credits on average.
- The minimum semester average was 11.46 (Spring 2017) and the maximum semester average was 11.93 (Fall 2018).
- Over the same time period 14.9% have taken 8 or fewer credits, 17.3% have taken 9-11, 48.7% have taken 12 to 14, and 19.1% have taken 15 and above



ENGL courses with highest DFW rates

COURSE	%DFW
ENGL-2111 World Literature I	37%
ENGL-3870 Basic News and Reporting	29%
ENGL-3880 Writing and Digital Media	29%
ENGL-4410 Studies in Neo/Restoration Lit	21%
ENGL-3600 Advanced Composition	21%

BLUE = Included in Ed Prep Program

Explanations for DFW rates in program courses

- Individual Faculty grading practices?
- Challenging material?
- Better pre-requisites needed?
- Timing of course selection—better advising?
- Sample size too small (3000/4000 level sample size approx. 45)?

DFW rate in core (area A to E) courses for english majors

The DFW rate for Area A to E courses averaged 24.9%, with 5 of the 7 semesters falling in the 23% - 26% range.

The Table shows the five highest D/F/W rates by semester for courses that had more than five students enrolled; reported as course, % D/F/W (total number of ENGL majors who took that course that semester).

Sem	1st rank course	2nd rank course	3rd rank course	4th rank course	5th rank course
Fall 2016	HIST 2112, 55% (11)	ENGL-2122, 50% (10)	MATH-1111, 40% (10)	BIOL-1102, 36% (14)	ITEC-1001, 33% (27)
Spring 2017	HIST 2111, 41% (22)	ENGL-2111, 33% (9)	HIST 1112, 33% (6)	ENGL-1101, 30% (20)	RELN-1100, 29% (17)
Fall 2017	CHEM-1151K, 63% (8)	PSYC-1102, 57% (7)	MATH-1111, 43% (7)	PSCI-1101K, 38% (8)	GEOG-1101, 36% (11)
Spring 2018	MATH-1111, 73% (11)	ENGL-2111, 60% (15)	MUSC-1100, 50% (6)	BIOL-1101K, 50% (14)	HIST-1121, 45% (11)
Fall 2018	HIST-2111, 44% (18)	PSYC-1102, 43% (7)	ENGL-2111, 41% (17)	ITEC-1001, 36% (28)	ENGL-1102, 35% (26)
Spring 2019	ENGL-1101, 50% (8)	ARTS-1100, 50% (6)	PSCI-1101K, 50% (6)	POLS-1101, 40% (30)	ENGL-1102, 27% (26)
Fall 2019	HIST-2111, 44% (9)	FREN-2001, 43% (7)	ENGL-2111, 42% (19)	MATH-1001, 38% (16)	ENGL-1101, 35% (34)

Obstacles in the gen ed core

- Presence of ENGL courses in the Core DFW list
 - A grade of “W” accounts for one third of the DFW rate for English majors in ENGL 1101/1102. Students withdrawing not (necessarily) failing.
 - DFW rates in ENGL 1101/1102 *potentially* skewed by students who have AP or dual-enrollment credit in ENGL 1101/1102. Only 80% of English majors take ENGL 1101. *Presumably* these would be high performers.

- MATH courses
 - English majors prove more successful in MATH 1001 (DFW 29.8% across 83 students) as opposed to MATH 1111 (DFW 39.4% across 56 students).

- HIST courses
 - HIST courses were in the top five DFW rates in 5 of the 7 semesters in question with a DFW rate of 26%. However this is in line with the average DFW rate of English majors (24.9%) in Core classes.

Course offerings

- The English Program makes every effort to offer the correct required courses in the proper semester sequencing and at appropriate days/times to meet student need.
- The primary obstacle in this area is the cancellation of courses due to lower enrollment numbers (<12 students).
- Because the demand on English faculty to teach ENGL 1101 and 1102 is very high, staffing resources are at times pulled from upper-level ENGL courses to meet that demand.

Conclusions and recommendations

- 1) Work with GGC stakeholders to improve overall ability for students to enroll full-time (e.g. admissions, financial aid, professional advising).
- 2) Continue to work with students on proper course sequencing (e.g. via mentoring or professional academic advising).
- 3) Advise the selection of MATH 1001 as the most appropriate Area A option for English majors.
- 4) Advise English majors to delay taking HIST required courses until after ENGL 1102 (or at least 1101) has been completed.

Conclusions and recommendations cont.

- 5) Advise English majors to consider PSCI for their Area D requirement unless they have a strong desire or need for the CHEM or BIOL options.
- 6) Identify English majors in ENGL 1101 and 1102 and offer mindset/community building support structure to mitigate Withdraw rates (if such withdrawals are indeed a result of issues pertaining to academic mindset—if not, interview these students to collect data on the reasons behind course abandonment).
- 7) Advocate for a focus on Retention and Graduation within the Program that is valued on par with (or above) initial enrollment of first-year students in ENGL 1101/1102.
- 8) Continue pressure testing to track progress on the impediments described above.

Any questions?

Questions to consider for your institution

- Has your program (or the programs in your school/college) done pressure testing in the last few years? If so, did they share their results and, if not, why do you think they did not do pressure testing?
- What other offices might have insight and/or data to contribute to program pressure testing at your institution?
- Should institutions formalize pressure testing for all (some?) programs? How often?
- Should institutions formalize a process to act on results from program pressure testing?

PSYC CONCLUSIONS

- 1) **Area D Requirement: CHEM-1151K is consistently the hardest course for PSYC majors to pass with 59.6% receiving a D, F, or W grade across the semesters.** *Biology is the recommended Area D sequence for Psychology majors in the Academic Map as these courses best prepare them for content covered in required and optional neuroscience-related PSYC coursework.*
- 2) Area A quantitative skills and reasoning requirement. MATH 1001 rose to the top five DFW rates in two of the seven semesters above and the overall average was 32%, 5.4 points above the overall course DFW rate of 26.6%. **MATH 1111 was more problematic for PSYC majors showing consistently high DFW rates, featuring in the top five in all semesters above and averaging at 47.7% overall.** *As of 2019-2020, MATH 1401 Basic Statistics is the “strongly recommended” Area A option for Psychology majors.*
- 3) Area D ITEC requirement. ITEC 2110 Digital Media rose to the 4th ranked DFW rate in Spring 2017 it is more often below the overall DFW rate, averaging 21.3%. **ITEC 2120 Introduction to Programming was one of the top five DFW rates in Fall 2018, Spring 2019, and Fall 2019 with averages above 45% in all three cases.** *Psychology majors should choose the ITEC course that is most suitable for their career plans and interests.*

PSYC CONCLUSIONS CONT.

- 4) Area A English requirements. ENGL 1101 and ENGL 1102 were each in the top five DFW rates in one semester above and average at 29.9% and 30.3% respectively, 3 to 4 points above the overall course DFW rate of 26.6%.

- 5) Area E History requirements. HIST 1112 and HIST 1121 were each in the top five DFW rates in one semester above while HIST 1122 was in the top five DFW rates in two semesters above. However, most semesters each of these three courses fall near or below the overall course DFW rate suggesting they do not pose an unusual concern regarding overall pass rates for psychology majors.

- 6) Area C. MUSC 1101 rose to the top five DFW rates in two semesters above but it was equal to or below the overall DFW rate for four semesters showing high variability and averaging 29.0%

- 7) Area A ITEC 1001 Introduction to Computing. While this course rose to the 4th ranked DFW rate in Spring 2018 it more often is below the overall DFW rate, averaging 25.7%

