

**Question/Purpose for P20 WIN Data Request**

**P20 WIN Number:** [P20W\\_1911\\_5\\_0021](#)

Item	Short explanation	Detailed explanation
1	To evaluate the impact of attributes of teachers (demographics and grading policies early in semester) on student success with STEM fields.	We will use student level data for freshman students on number of STEM courses taken, performance in courses, teacher attributes (previous grading in same course) to evaluate the impact of teacher's grading policies on student taking the STEM course, future STEM courses and taking STEM courses from the same professor. To evaluate the impact we will match the student level data to courses they have taken, and teacher attributes (previous grading) for teachers taking those classes.
2	To evaluate the impact of attributes of peers (demographics and grading policies early in semester) on student success with STEM fields.	We use the data from Item (1) and supplement it with peer characteristics (gender and race) and use STEM course enrollment (and average number of courses in same department) as an outcome variable. The main explanatory variable in this case would be average attributes of class (e.g. average female, average number of hispanic students etc.)
3	To evaluate the impact of being placed on academic probation on student's academic success and later labor market outcomes.	We use the discontinuity around the GPA cutoff for a student to be on academic probation to analyze the impact of being on probation (or closely missing being on probation) in freshman year on later academic performance, completion duration and labor market outcomes. We use the student level data (major, courses taken, performance, enrollment data and degree completion) for freshman students and supplement it with labor market data from DOL related to timing, industry and wages for observed employment after leaving UConn.

**P20 WIN ATTACHMENTS A & B – DATA ELEMENTS FOR QUERY BY IMPACTED AGENCY & PURPOSE CROSSWALK - UCONN**

**Attachment A:** Provide the name of each element from each data source including elements needed to link data sets. Identify the values of each elements code sets that are necessary. Add as many rows as necessary

**Attachment B:** Provide a crosswalk for each data element requested and describe how it relates to the purpose of the query. List each data element once with only one data element per row. Add as many rows as necessary. P20 WIN element names can be found here: [\[enter URL for meta-data\]](#)

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University of Connecticut								
Data Element Name	Definition	Code Set value to be included	Other Qualifier	Related Research / Policy Question	Explain how this element relates to the Research Question	Data Type	Format	
<b>Student Identifiers</b>								
First Name	First name on record	all		All 3 questions in tab	Required to match to DOL data elements			
Last Name	Last name on record	all		All 3 questions in tab	Required to match to DOL data elements			
SSN	Social Security Number	all		All 3 questions in tab	Required to match to DOL data elements			
Date of Birth	Date of Birth on record	all		All 3 questions in tab	Required to match to DOL data elements			
<b>Student Grade Information</b>								
State (e.g. CT, MA, CA)	State of origin for student	all		All 3 questions in tab	Factor for studying heterogenous effects			
International student	Whether an International Student	all		All 3 questions in tab	Factor for studying heterogenous effects			
pers_ACT_composite	ACT Composite score	all		All 3 questions in tab	Factor for studying heterogenous effects			
pers_ACT_Math	ACT Math Score	all		All 3 questions in tab	Factor for studying heterogenous effects			
pers_ACT_English	ACT English Score	all		All 3 questions in tab	Factor for studying heterogenous effects			
pers_ACT_Reading	ACT English Score	all		All 3 questions in tab	Factor for studying heterogenous effects			
FstTimeCat	First Time Freshman Category	all		All 3 questions in tab	Factor for studying heterogenous effects/Coding the entry in Uconn system			
Entering_Term_Sdesc	Students Entering Term	all		All 3 questions in tab	Factor for studying heterogenous effects/Coding the entry in Uconn system			
Entering_Campus	Students Entering Campus	all		All 3 questions in tab	Factor for studying heterogenous effects/Coding the entry in Uconn system			
Entering_Prog	Students Entering Program	all		All 3 questions in tab	Factor for studying heterogenous effects/Coding the entry in Uconn system			
Entering_Plan_Desc	Students Entering Plan	all		All 3 questions in tab	Factor for studying heterogenous effects/Coding the entry in Uconn system			
Entering_SubPlan	Students Entering SubPlan	all		All 3 questions in tab	Factor for studying heterogenous effects/Coding the entry in Uconn system			
FullPart	Full-time or Part-time Students	all		All 3 questions in tab	Factor for studying heterogenous effects/Coding the entry in Uconn system			
Ethnicity	Ethnicity of student	all		All 3 questions in tab	Factor for studying heterogenous effects			
NSF_STEM_Category	NSF STEM Category by Students Major	all		All 3 questions in tab	Factor for studying heterogenous effects			
Current_School_College	Currently Enrolled School or College	all		All 3 questions in tab	Factor for studying heterogenous effects			
Current_Department	Current Department	all		All 3 questions in tab	Factor for studying heterogenous effects			
Current_CAMPUS	Current CAMPUS	all		All 3 questions in tab	Factor for studying heterogenous effects			
Gender	Gender	all		All 3 questions in tab	Factor for studying heterogenous effects			
pers_state	Students Residence State	all		All 3 questions in tab	Factor for studying heterogenous effects			
pers_SATmath	SAT Math Score	all		All 3 questions in tab	Factor for studying heterogenous effects			
pers_SATVerbal	SAT Verbal Score	all		All 3 questions in tab	Factor for studying heterogenous effects			
pers_exams	Students Scores Outside of Uconn	all		All 3 questions in tab	Factor for studying heterogenous effects			
degree1_awarded	Whether Graduated with the Primary Plan?	all		All 3 questions in tab	Factor for studying heterogenous effects			
degree1_program	Degree Awarded Program	all		All 3 questions in tab	Factor for studying heterogenous effects			
degree1_plan	Degree Awarded Plan	all		All 3 questions in tab	Factor for studying heterogenous effects			
degree1_sub	Degree Awarded SubPlan	all		All 3 questions in tab	Factor for studying heterogenous effects			
degree1_date	Degree Awarded Date	all		All 3 questions in tab	Outcome			
degree2_awarded	Whether Graduated with the Secondary Plan?	all		All 3 questions in tab	Factor for studying heterogenous effects			
degree2_program	Degree Awarded Program	all		All 3 questions in tab	Factor for studying heterogenous effects			
degree2_plan	Degree Awarded Plan	all		All 3 questions in tab	Factor for studying heterogenous effects			
degree2_sub	Degree Awarded SubPlan	all		All 3 questions in tab	Factor for studying heterogenous effects			
degree2_date	Degree Awarded Date	all		All 3 questions in tab	Outcome			
minor1_awarded	Whether Graduated with the First Minor?	all		All 3 questions in tab	Factor for studying heterogenous effects			
minor1_program	Degree Awarded Program	all		All 3 questions in tab	Factor for studying heterogenous effects			
minor1_plan	Degree Awarded Plan	all		All 3 questions in tab	Factor for studying heterogenous effects			
minor1_sub	Degree Awarded SubPlan	all		All 3 questions in tab	Factor for studying heterogenous effects			
minor1_date	Degree Awarded Date	all		All 3 questions in tab	Outcome			
minor2_awarded	Whether Graduated with the Second Minor?	all		All 3 questions in tab	Factor for studying heterogenous effects			
minor2_program	Degree Awarded Program	all		All 3 questions in tab	Factor for studying heterogenous effects			
minor2_plan	Degree Awarded Plan	all		All 3 questions in tab	Factor for studying heterogenous effects			
minor2_sub	Degree Awarded SubPlan	all		All 3 questions in tab	Factor for studying heterogenous effects			
minor2_date	Degree Awarded Date	all		All 3 questions in tab	Outcome			
DummyStudentID	Randomly Generated Number for Each Student	all		All 3 questions in tab	Identifying student and matching across all files			
Probationary Status_FA_08	Probationary (or academic) status for Fall 08	all		All 3 questions in tab	Outcome			
Probationary Status_SP_09	Probationary (or academic) status for Spring 09	all		All 3 questions in tab	Outcome			
Probationary Status_FA_09	Probationary (or academic) status for Fall 09	all		All 3 questions in tab	Outcome			

**University of Connecticut**

<b>Data Element Name</b>	<b>Definition</b>	<b>Code Set value to be included</b>	<b>Other Qualifier</b>	<b>Related Research / Policy Question</b>	<b>Explain how this element relates to the Research Question</b>	<b>Data Type</b>	<b>Format</b>
Probationary Status_SP_10	Probationary (or academic) status for Spring 10	all		All 3 questions in tab	Outcome		
Probationary Status_FA_10	Probationary (or academic) status for Fall 10	all		All 3 questions in tab	Outcome		
Probationary Status_SP_11	Probationary (or academic) status for Spring 11	all		All 3 questions in tab	Outcome		
Probationary Status_FA_11	Probationary (or academic) status for Fall 11	all		All 3 questions in tab	Outcome		
Probationary Status_SP_12	Probationary (or academic) status for Spring 12	all		All 3 questions in tab	Outcome		
Probationary Status_FA_12	Probationary (or academic) status for Fall 12	all		All 3 questions in tab	Outcome		
Probationary Status_SP_13	Probationary (or academic) status for Spring 13	all		All 3 questions in tab	Outcome		
Probationary Status_FA_13	Probationary (or academic) status for Fall 13	all		All 3 questions in tab	Outcome		

**P20 WIN ATTACHMENTS A & B – DATA ELEMENTS FOR QUERY BY IMPACTED AGENCY & PURPOSE CROSSWALK - DOL**

**Attachment A:** Provide the name of each element from each data source including elements needed to link data sets. Identify the values of each elements code sets that are necessary.

**Attachment B:** Provide a crosswalk for each data element requested and describe how it relates to the purpose of the query. List each data element once with only one data element per

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CT Department of Labor							
Data Element Name	Definition	Code Set value to be included	Other Qualifier	Related Research / Policy Question	Explain how this element relates to the Research Qeuestion	Data Type	Format
First Initial	First initial on record	all		For question 1 on the first tab	For matching to DMV and SDE data		
Last Name	Last name on record	all		For question 1 on the first tab	For matching to DMV and SDE data		
SSN	SSN on record	all		For question 1 on the first tab	For matching to DMV and SDE data		
Year	Year in which wages were obtained	all		For question 1 on the first tab	For analysis of the impact of probation on employment after college		
Quarter	Quarter in which wages were obtained	all		For question 1 on the first tab	For analysis of the impact of probation on employment after college		
Wage	Wages paid by emplouyer in quarter	all		For question 1 on the first tab	For analysis of the impact of probation on employment after college		
NAICS Code	Industry code of employer paying highest wage	all		For question 1 on the first tab	For analysis of the impact of probation on employment after college		
<i>From DMV File</i>							