

Our project seeks to analyze the diversity trends of students taking courses offered by Global Classrooms during the 2020-2021 and 2021-2022 academic years based on the following variables: gender, college, race, ethnicity, and residency.

Through our analysis of the data provided, we have found that the typical student is a female undergraduate. In terms of race and ethnicity, there is a significant gap between the races participating in this program, as almost fifty percent of the students participating in this program since Fall 2020, are white. This is not necessarily just a reflection of the program, as UMD's self-reported data, showcases a range between forty to fifty percent of the student population being white from Fall 2020 to Fall 2022. For the classes, there is a wide range that have been offered, with the highest participation in the governmental and politics courses, as well as classes offered by the College of Education. Our analysis has brought up other questions and factors that impact students participation in this program, such as income and access to technology. We are exploring those factors via the State of Maryland's open data portal, census data and other sources, hoping to provide even more insight about the program's student population. In addition to our analysis, we will provide a recommendation for better methods of data collection as well as clearer variables in regards to the data analysis.

We hope our findings will assist the Global Classrooms initiative to devise new steps to provide the Global Classroom experience to a more diverse range of participants in future years. The visualizations we are providing, aim to make the dataset more digestible and easier to note the various discrepancies in multiple academic years.