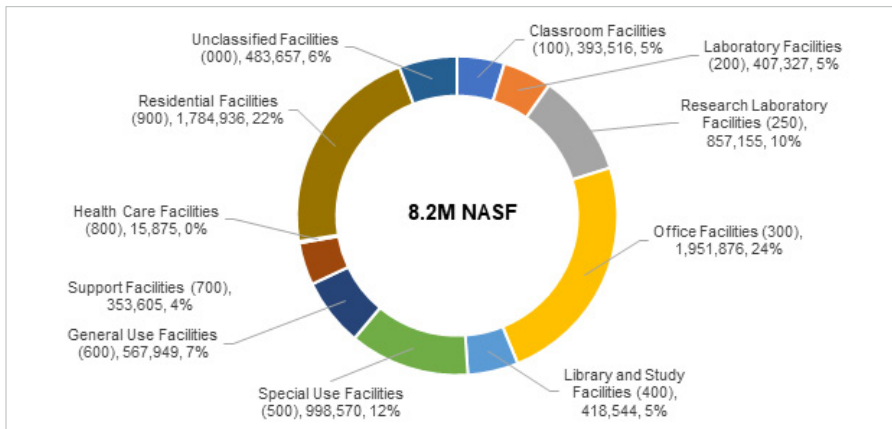


University of Maryland, College Park

Facilities Master Plan

College Park, Maryland



Project Information

Completion Date
July 2023

Services Provided
Instructional Space Utilization
Master Plan Space Modeling
Space Inventories | Benchmarking

Rickes Associates was engaged to review instructional space utilization and develop space needs projections in conjunction with the creation of a new 10-year Facilities Master Plan for the University of Maryland, College Park.

The University of Maryland, College Park (UMD), the flagship institution of the University of Maryland System and one of the country's leading public research universities, is situated in a suburban area between Washington DC and Baltimore. Currently, the University enrolls just over 28,000 FTDE students across 12 schools and colleges. Campus facilities encompass approximately 8.2 million net assignable square feet (NASF).

Rickes Associates (RA) employed both quantitative and qualitative approaches to understand current space-related challenges and opportunities on the UMD campus. Concurrent with the formal credit-bearing utilization analysis of more than 400 general-purpose and departmentally-controlled classrooms and almost 200 teaching laboratory spaces, RA engaged key voices from each of the University's schools and colleges in targeted interviews in order to understand current and future disciplinary needs. These activities were complemented by a review of the University's existing space inventory and personnel data, and current and projected enrollments.

The culmination of these activities was the development of two sets of space needs: a campuswide evaluation of space need across all major space categories, along with a second set of planning-level projections focusing on each of the University's schools and colleges. At UMD's direction, Maryland Higher Education Council guidelines were employed for most calculations across both exercises, complemented by guidelines proposed by RA, drawn from benchmark data and extensive experience with other institutions.

Altogether, these calculations identified a need for roughly 10 million NASF by 2031, or more than 2+ million NASF of additional square footage, to meet projected needs. Especially acute is the calculated need for research space, a rapidly expanding aspect on the UMD campus.

The components detailed in the document RA created for UMD yielded a comprehensive picture of the University's current space use, the programmatic challenges and opportunities presently facing the campus, and the development of order-of-magnitude space needs projections required to support anticipated enrollment growth to 2031.