

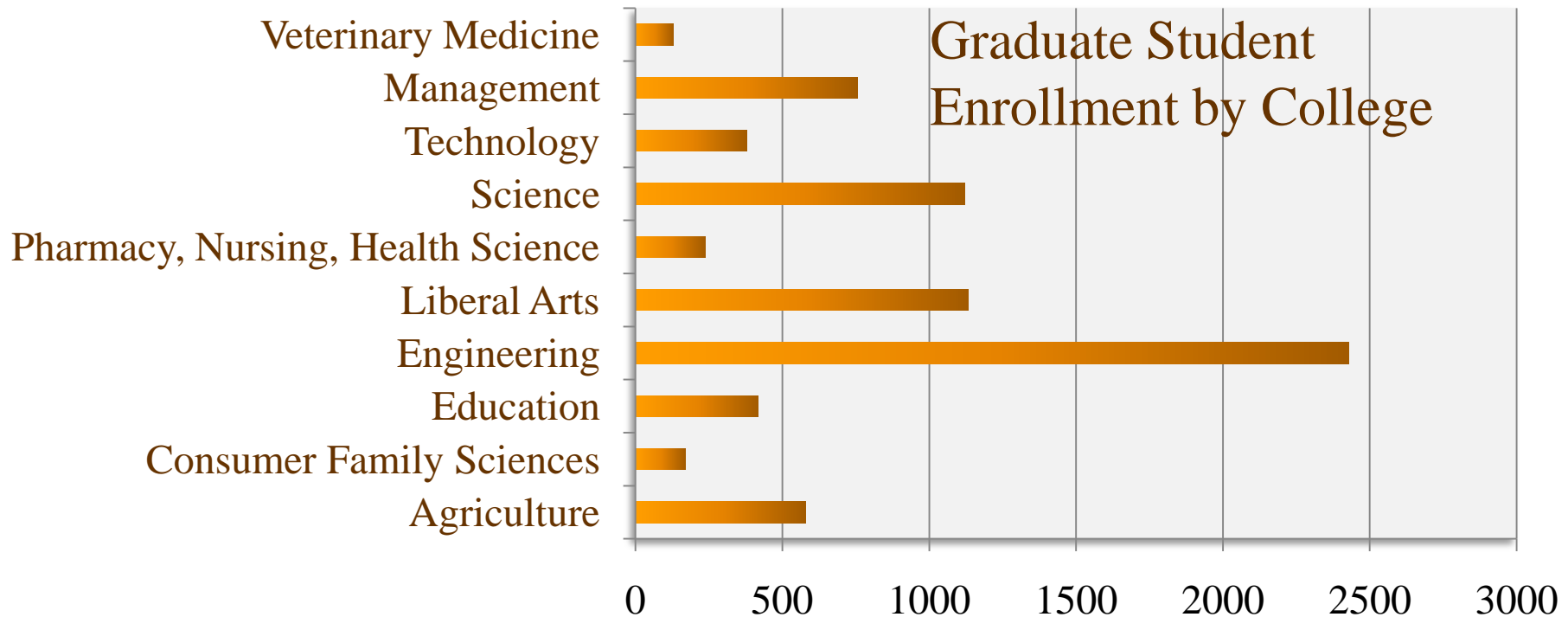
The Role and Status of the Master's Degree in STEM

Panel Session #2

Mark J. T. Smith
Dean of the Graduate School
Purdue University

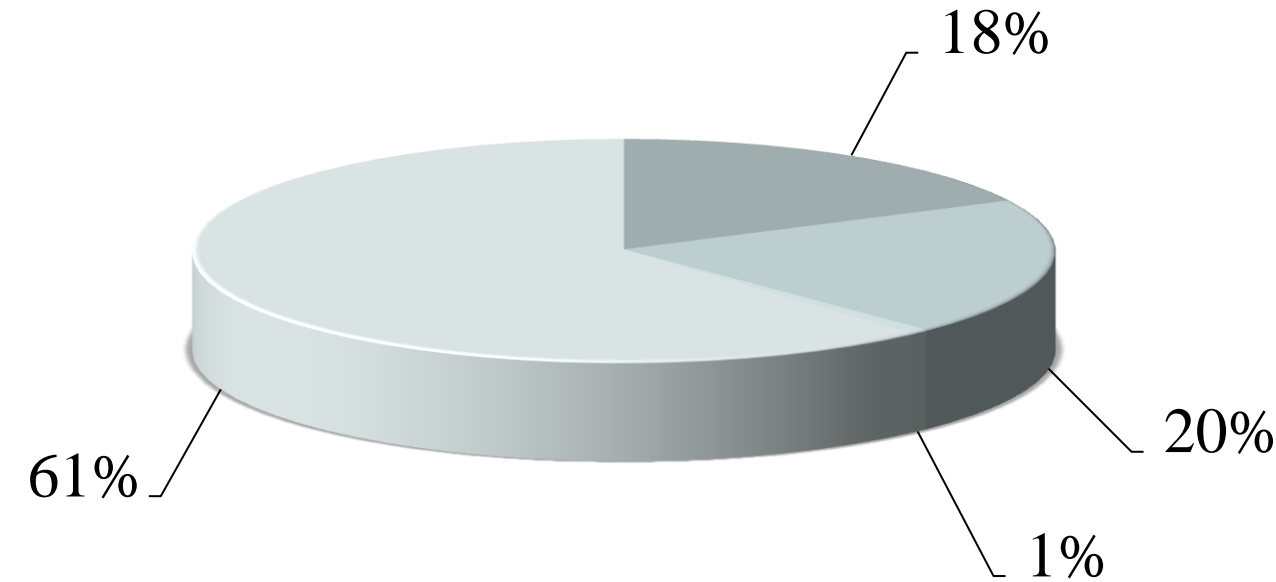
About Purdue

- Public land-grant institution, founded in 1869
- 5 campuses, one graduate school
- Main campus in West Lafayette



Purdue University PhD Completion

Data 10+ yrs



■ Left w/o Degree

■ Left with Masters

■ Still Enrolled

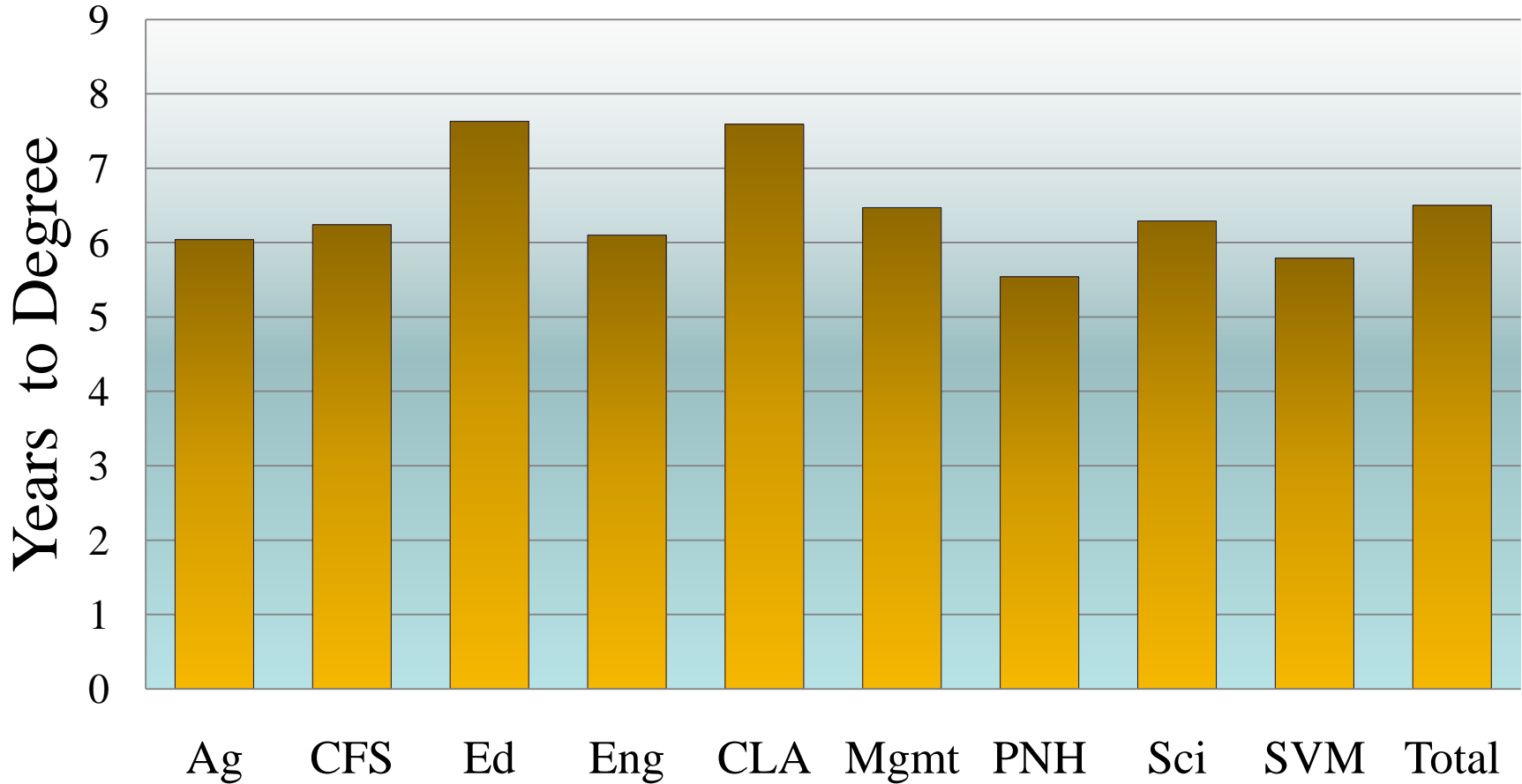
■ Complete

< 4 yrs 2.52%
4-6 yrs 41.61%
7-9 yrs 15.38%
>10 yrs 2.05%

Total 61.6%

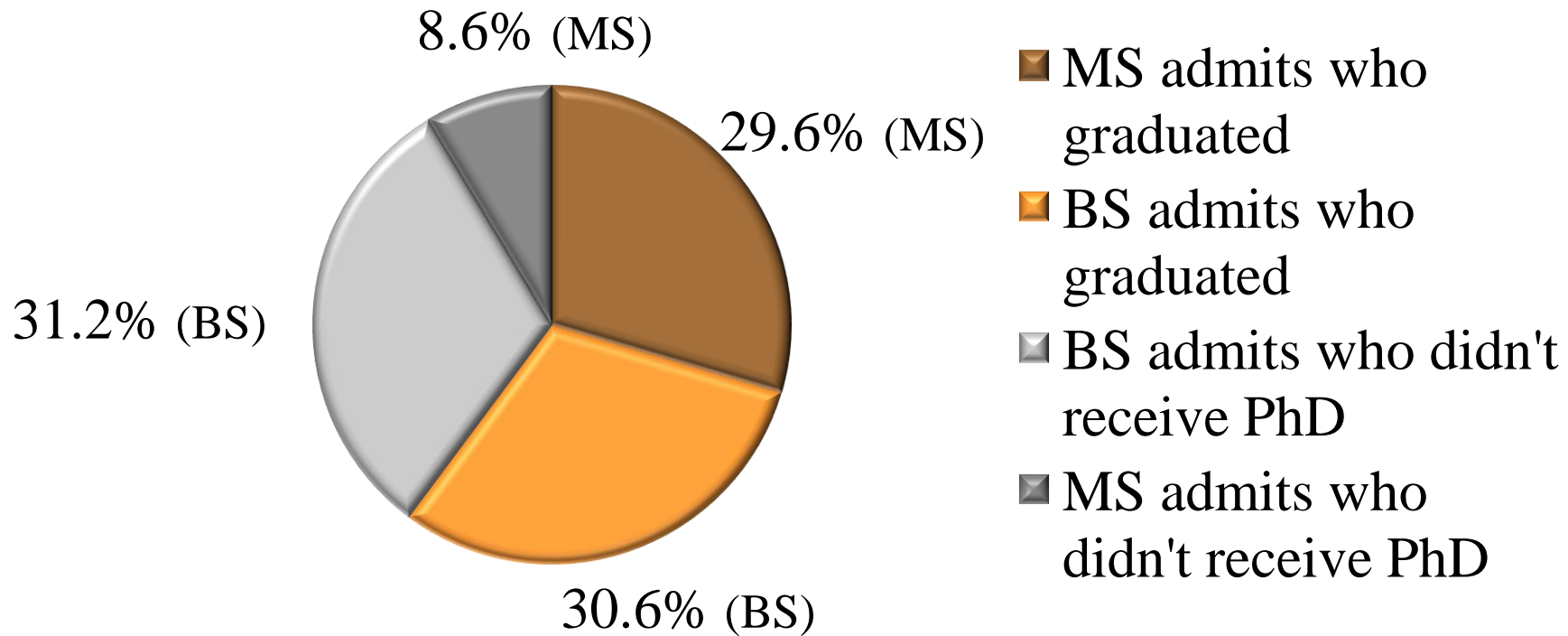


Average Time to PhD

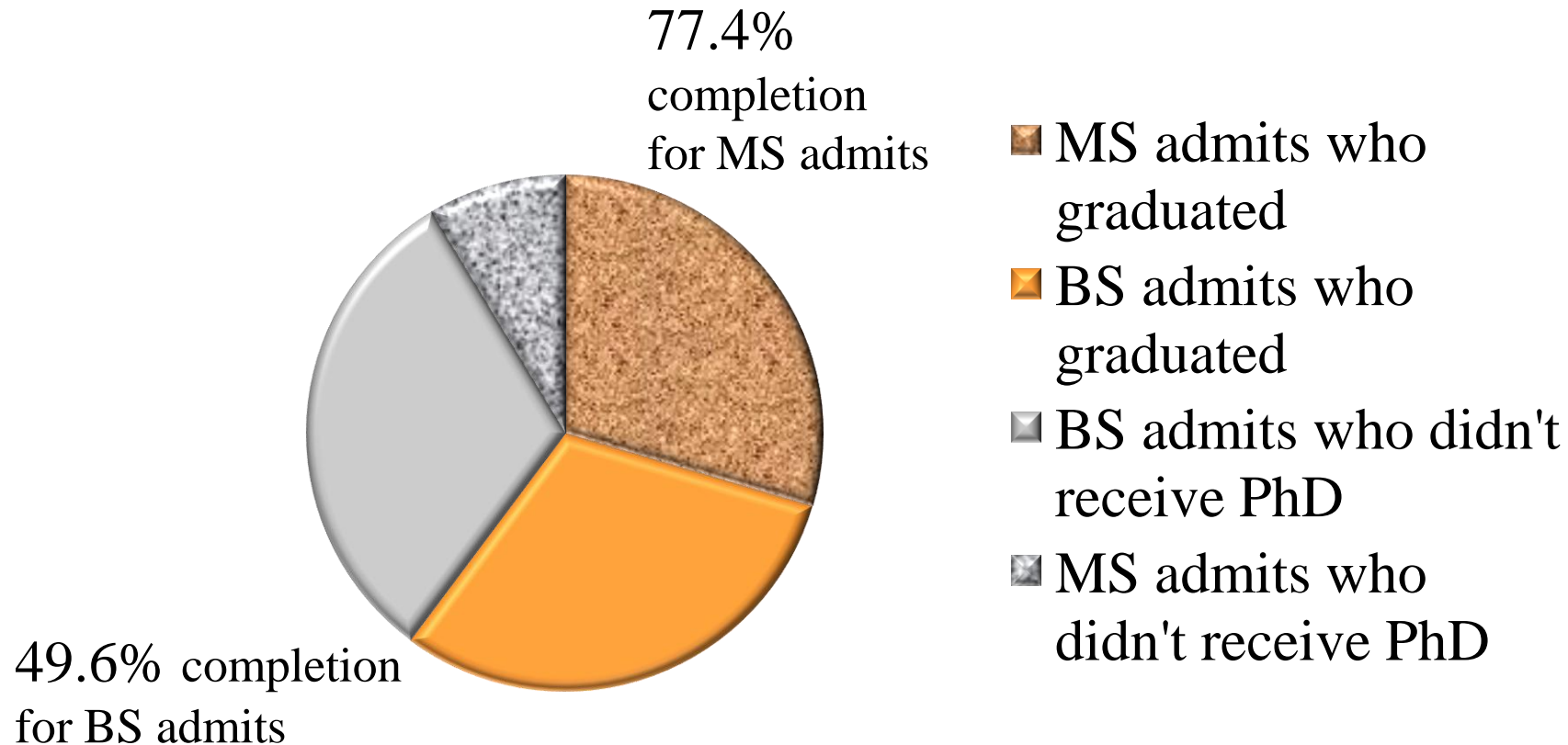


Purdue Colleges

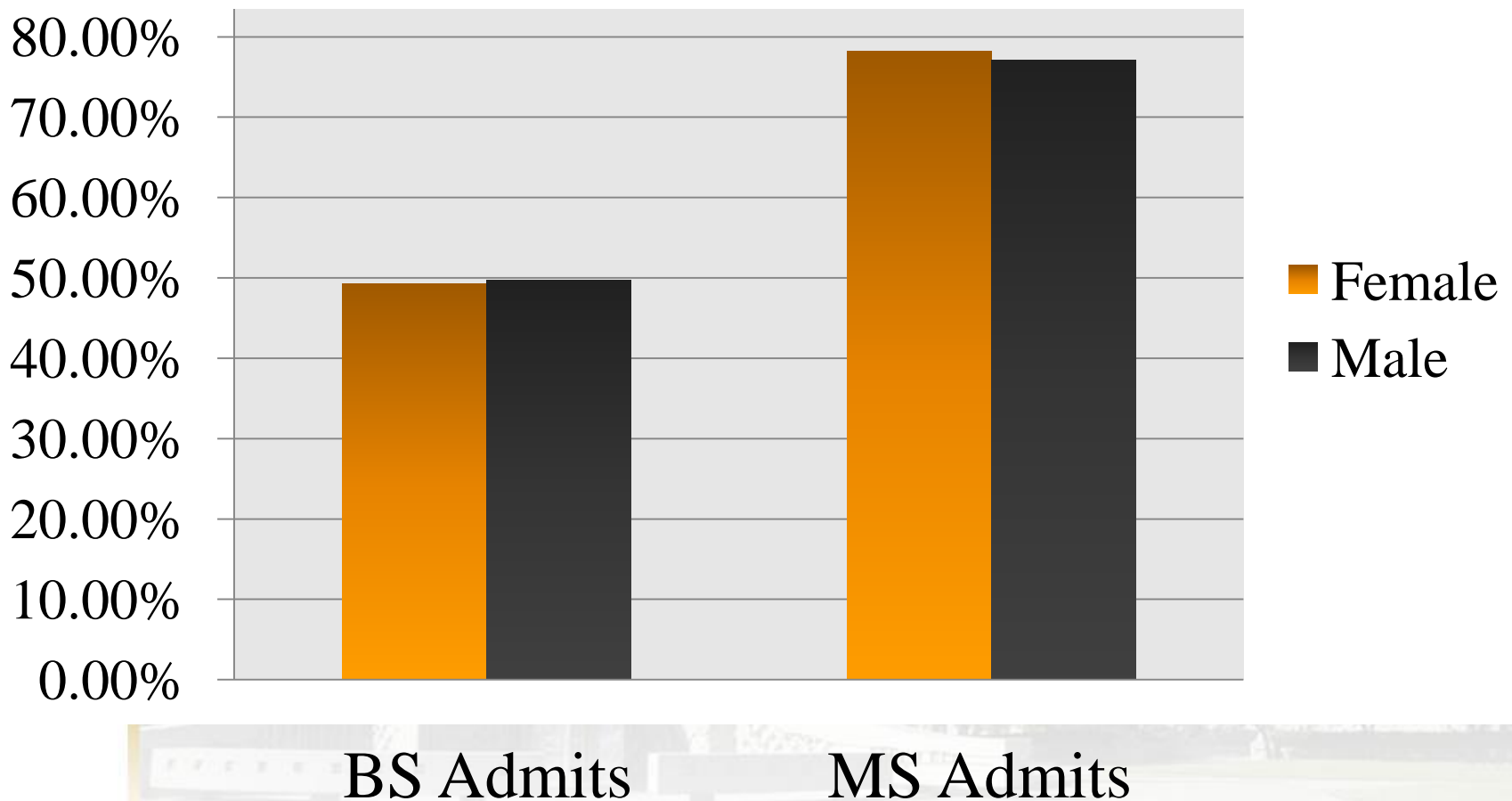
10-yr Completion Data for all CGS Broad Categories: BS vs. MS Admitted Students (Admits)



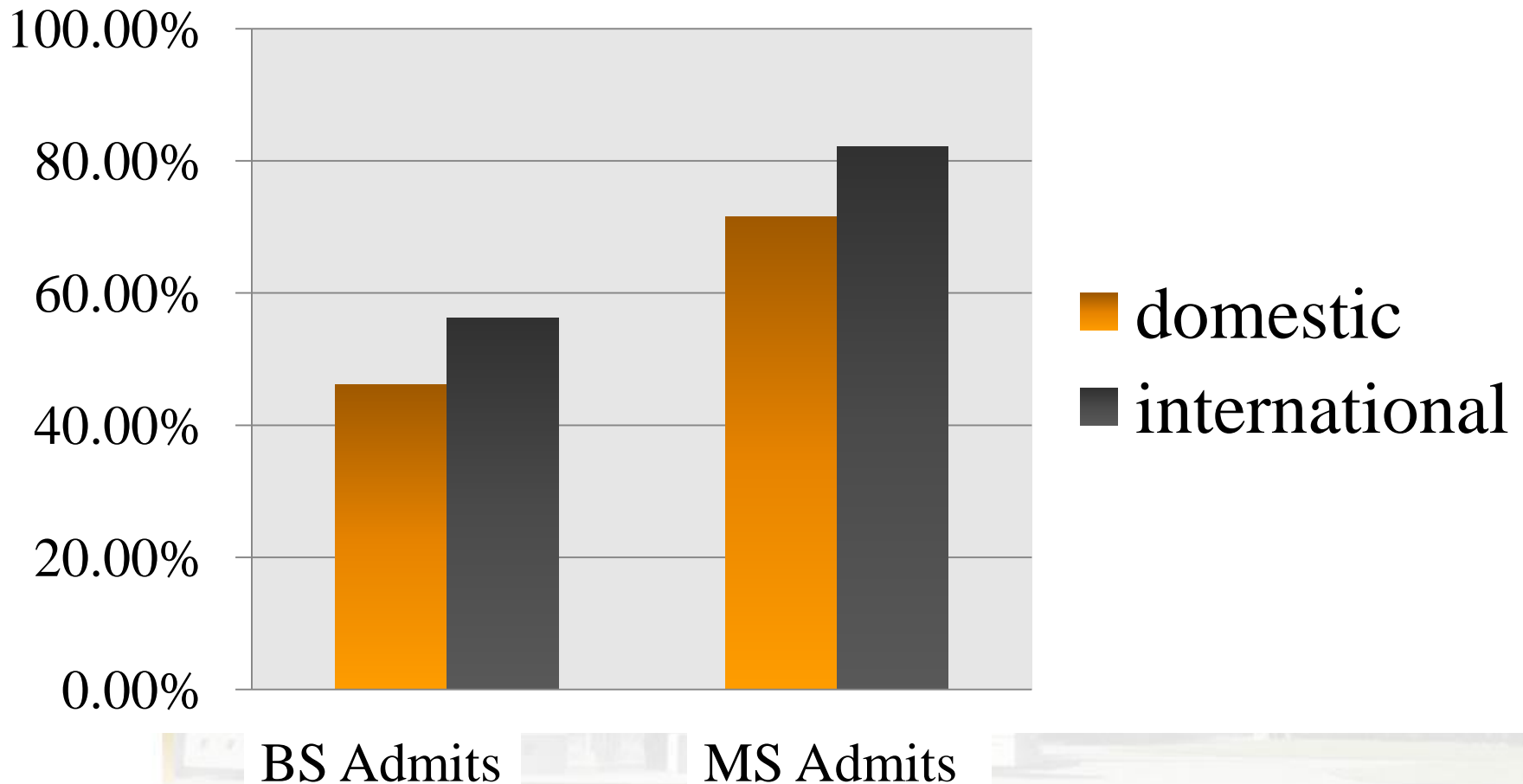
10-yr Completion Data for all CGS Broad Categories: BS vs. MS Enrollees



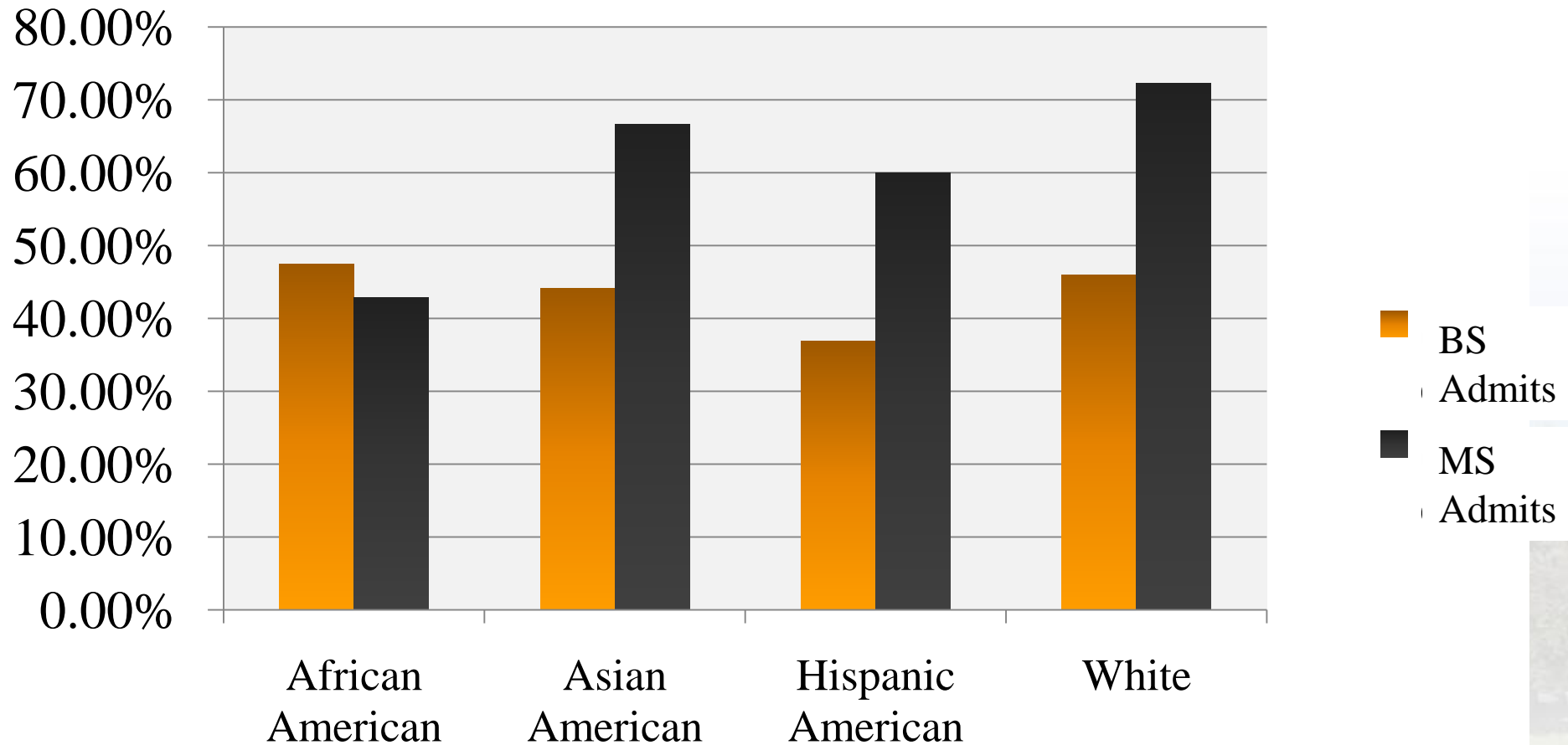
BS vs. MS Enrollee Completion for CGS Broad Categories by Gender



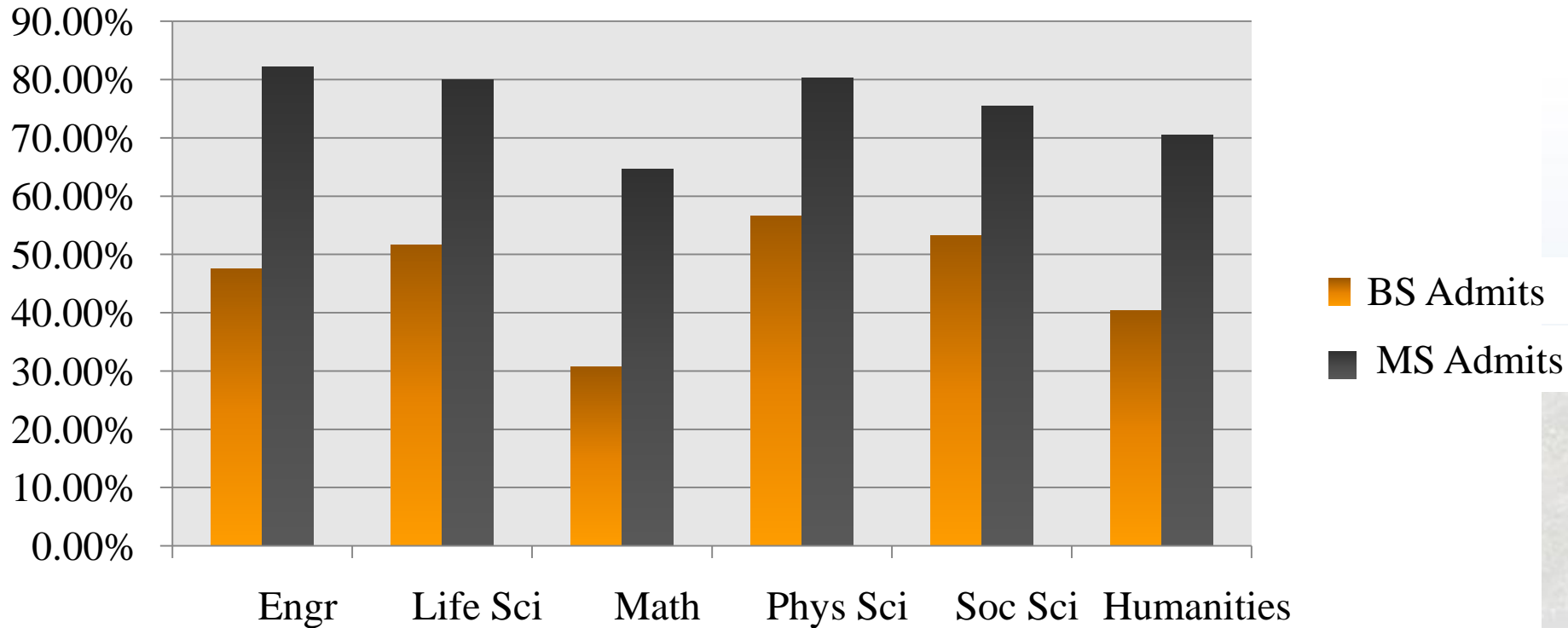
BS vs. MS Enrollee Completion for CGS Broad Categories by Citizenship/Residency



BS vs. MS Enrollee Completion for CGS Broad Categories by Race/Ethnicity



BS vs. MS Enrollee Completion by Broad Discipline



Influential Factors

- Major Professors/Mentors
- Qualifying/Preliminary Exams
- Defined Research Project
- Academic Environment
- Personal/Family Related Stresses
- Financial Stresses
- Social Stresses
- Truth/accuracy in declaration for BS admits
- MS admits—aptitude correlation
- Software limitations in tracking
- Department culture variations

Conclusions

