

ATTACHMENT A: SUPPLEMENTAL INFORMATION ON CSU'S PROPOSED BS IN STATISTICS

This supplemental information is unrelated to the proposed degree's fit with the institution's statutory role and mission. The following is summarized from CSU's proposal:

EVIDENCE OF NEED

The demand for statisticians is expected to continue to increase nationwide. While hard numbers are not easy to come by at the undergraduate level, both our experience with students graduating with the Major in Mathematics with Concentration in Statistics and conversations with people at other departments of statistics in the US indicate strong and growing demand for entry-level statisticians with undergraduate degrees. Since the current request is for the cost-free move of a degree from one academic unit to another, we hope that the lack of specific data on the external demand for undergraduate statisticians does not constitute an impediment for considering this request.

The Statistics Major and Concentration have experienced strong growth in recent years. One important driver of this growth is the China Strategic Partnership (CSP), which has brought more students on campus with interest in statistics. As CSU expands its international presence into other parts of the world, we expect that this interest in statistics will likewise continue to increase.

DUPLICATION

The following schools in Colorado offer degrees most closely related to the requested Major in Statistics:

- UC Denver: offers Actuarial Science option and Probability & Statistics option as Concentrations for BS in Mathematics. Also offers an undergraduate certificate in applied statistics.
- UC Boulder: offers degrees in Actuarial Studies and Quantitative Finance.
- CO School of Mines: Undergraduate degree in Statistics.
- Metropolitan State U of Denver: Major in Mathematics with Statistics and Probability Concentration
- U of Northern CO: Major in Mathematics with Applied Statistics Concentration
- Western State Colorado U: no similar degrees offered

In this list, the program at Colorado School of Mines is the most similar to the one we plan to offer. However, given the specialized nature of that institution, it is unlikely that both programs would compete with each other.