

Department Clarification “Framework”

Department: **Data Science and Business Analytics**
Clarifications formally approved on: **2022/12/05 Final 2022/12/29**

Departmental clarifications:

1.0 Instruction

Core Criterion: A faculty member must clearly be contributing to the instructional mission by demonstrating proficiency and breadth in instructional quality and capacity.

Clarifications listed below:

1.2 Overall Criterion Considerations & Requirements

1.2 (A) A faculty member must clearly be contributing to the instructional mission

1.2 (B) Instructional effectiveness

1.2 (C) Student assessment of instruction

1.3 Factors to consider in terms of “effort “

1.4 Factors to consider in “quality”

1.5 Further Criterion Considerations

- As an emerging field, development of new courses in Data Science and Business Analytics requires significant effort beyond that which is customarily associated with a more established discipline, such that courses may be developed where textbooks do not yet exist (e.g., there are few, if any, publisher’s resources), and the breadth of example courses at other universities may not be present to draw upon as resources.

2.0 Research or Other Creative/Scholarly Activities

Core Criterion: a faculty member has a unique and scholarly expertise in their field and has activity that aligns with this professional direction.

Clarifications listed below

DSBA Mission: Educating students with cutting edge concepts, techniques and practices in data science and business analytics to innovatively solve challenges and provide informed decision support.

DSBA Vision: DSBA will consists of faculty who educate graduates that will be highly sought by organizations, produce relevant applied research, and provide technical advice and solutions to local/state industries and international organizations who have strategic alliance with Florida Poly.



- The DSBA department is comprised of faculty with degrees in a broad range of disciplines. Therefore, research expectations are grounded by both the departmental mission and the faculty member's specific discipline or expertise. The faculty member is expected to contribute to that mission in a way that advances the department's research mission and academic programs.
- Due to limited funding opportunities in Business Analytics, presence as a PI and/or Co-PI is atypical. However, substantial and demonstrated grant activity in supporting roles, shows evidence of funded research activity.
- It is common to have a breadth of research in various fields. The department values expository articles and applied research on industry and society problems. Similarly, the department values scholarly work that engages people in data science and business analytics.

2.2 Further Criterion Considerations

2.3 Proposal and grant application

- Research in an area of expertise related to the Department's mission and programs is expected.

3.0 Service: a faculty member is contributing to their department and profession in a positive way.

Clarifications listed below

3.2 Criterion Considerations

- DSBA endorses its faculty to participate in professional consulting, including consulting with academics, industry, government, or non-profits on professional matters (compensated or not) related to scholarly expertise. Consulting work must be in compliance with University regulation FPU-6.001 Outside Employment and Outside Activities and approved by Department Chair and Provost prior to start of engagement. However, faculty will be expected to comment on how the consulting activity has benefited the university and its mission.
- ABET criteria are not applicable to the Business Analytics program. Faculty are expected to contribute to the established department and university assessment metrics and program learning objectives.

3.3 Special Consideration of Administration Contribution



4.0 Overall recommendation: criteria notes, appropriate to rank and reappointment and/or reappointment: strong, ongoing contribution to the University, ability to perform their full suite of duties with a high degree of quality and independence by demonstrating accomplishment in teaching, appropriate trajectory in research, and service that positively advances the University, department, and program