

July 10, 2023

## Academic Transformation Update: Programs Identified for Formal Review

Dear Dean Mago and Dr. Anurag Srivastava:

As part of the ongoing Academic Transformation initiative, the Provost's Office has conducted a data-informed analysis of all academic programming at West Virginia University's Morgantown campus.

The Provost's Office reviewed several key metrics in determining whether to place a unit's programs under formal review. For this initial review, the Provost's Office focused on student demand, including enrollment in the major (as of Fall 2022) and enrollment trends in the major over a five-year period (Fall 2018-Fall 2022). Additionally, the Provost's Office evaluated department-level metrics, specifically focusing on financial performance and efficiency in instruction.

### ***Programs for Formal Review and Access to Data***

Based upon the analysis outlined above, the Provost's Office has identified the following programs in the Department of Computer Science and Electrical Engineering for formal review in accordance with the [Board of Governors Rule 2.2](#) Program Review process:

- BSBSE Biometric Systems Engineering
- BSCPE Computer Engineering
- BSCS Computer Science
- BS Cybersecurity
- BSEE Electrical Engineering

The determination has been made to review these programs within the department holistically due to the interconnectedness of the department's curricula and the operational and personnel resources required to deliver those curricula. Any programs not listed have been exempted based on one or more of the following criteria:

- A department with external research expenditures of \$1 million or more will have its doctoral programs and any associated non-terminal master's programs exempted from review.
- A new program with three or fewer years of data will be exempted from review.
- Pathways and completion programs will be exempted from review.

The following department- and program-level metrics served as primary indicators for this holistic review of the programs within your department:

- Undergraduate enrollment in the Biometric Systems Engineering, Computer Engineering, and Electrical Engineering programs declined over five years (2018-2022). All are state priority programs.
- Departmental student credit hours and tuition revenue declined greatly over three years (2020-2022).
- Full-time faculty were unchanged over four years (2020-2023).
- Departmental expenses increased over three years (2020-2022).
- The department went from generating a surplus in 2020 to operating at a loss of over two-million dollars in 2022.
- The PhD programs in the department are not of concern due to external research funding exceeding one-million dollars in 2022, and the PhD student to tenured faculty ration is above the median.

You can access these metrics, their definitions and additional program- and department-level data at: <https://provost.wvu.edu/academic-transformation/academic-program-portfolio-review>

### ***Completing the Program Review Self-Study Form***

As part of the Rule 2.2 Program Review process, the Provost's Office requires that a single [Program Review Self-Study Form](#) be completed on behalf of all identified programs in the Department of Computer Science and Electrical Engineering. This Program Review Self-Study Form must be submitted to the Provost's Office by end of day on **August 1, 2023**.

We have scheduled a Deans meeting via Zoom on Tuesday, July 11, 2023 at 9 a.m. to review the program review process and next steps. We have also scheduled a Chairs meeting via Zoom for the same day at 10:30 a.m. to discuss the Program Review Self-Study Form and navigating the review process. (Deans are also encouraged to attend the Chairs meeting.) You should have already received the appropriate meeting invitation(s).

### ***Notifying and Engaging Your Faculty and Staff***

You must notify the faculty and appropriate staff within this department that the Provost's Office has identified the specified programs within the department for formal review **within 24 hours upon your receipt of this letter**.

Please use the attached standard notification letter template for this purpose. There are some blanks that you will need to complete. Please send your notification to faculty and

appropriate staff via email and cc Associate Provost for Curriculum and Assessment Lou Slimak ([Louis.Slimak@mail.wvu.edu](mailto:Louis.Slimak@mail.wvu.edu)).

Before submitting the Program Review Self-Study Form, **you must seek input and feedback from the faculty and appropriate staff within the department.** At a minimum, you must circulate your completed draft form to the faculty and staff and ask that they provide feedback within a certain period of time (at least five days) using the online [comment form](#). We highly recommend that you host an in-person or Zoom meeting to discuss your completed draft form and solicit feedback via the [comment form](#).

### ***After the Program Review Self-Study***

The Provost's Office will review the submitted Program Review Self-Study Forms in early August. By **August 11**, you will receive notification of the Provost's Office Preliminary Recommendation. Additional information on the process and timeline is available at: <https://transformation.wvu.edu/resources>.

Finally, if you or your faculty have any questions or experience any issues accessing the data or completing the Self-Study form, please contact Associate Provost Lou Slimak at [louis.slimak@mail.wvu.edu](mailto:louis.slimak@mail.wvu.edu).

Sincerely,

WVU Office of the Provost