



#### **IV. PROPOSED CHANGES TO THE CRITERIA**

The following section presents proposed changes to these criteria as approved by the ABET Engineering Area Delegation on October 24, 2025 for a 180-day review and public comment period. Comments will be considered until June 15, 2026. The ABET Engineering Area Delegation will determine, based on the comments received and on the advice of the EAC, the content of the adopted criteria. The adopted criteria will then become effective following the ABET Engineering Area Delegation Meeting in the fall of 2026 and would first be applied by the EAC for accreditation reviews during the 2027-28 review cycle.

### **Lead Society: American Institute of Chemical Engineers**

These program criteria apply to engineering programs that include “chemical,” “biochemical,” “biomolecular,” or similar modifiers in their titles.

#### **1. Curriculum**

The curriculum must include:

- a. Applications of mathematics, including differential equations and statistics to engineering problems.
- b. College-level chemistry and physics courses, with some at an advanced level, ~~as appropriate to the objectives of the program.~~
- c. Engineering topics of material and energy balances, thermodynamics, fluid mechanics, heat and mass transfer, reaction and/or reactor engineering, process control, and separations.
- d. Engineering application of these sciences and engineering topics to the design, analysis, and control of processes, including the hazards associated with these processes.

Programs with biochemical, biomolecular, or similar modifiers in their titles must also include biologically-based engineering applications in their curriculum as appropriate to the program's name and educational objectives.

## **2. Faculty**

The program must demonstrate that those faculty members teaching program-specific courses have had training or professional development on effective teaching and learning strategies within the past six years.

If you would like to provide comments regarding the proposed criteria, please provide them below:

Name and affiliation (optional):

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