

**PhD in Translational Bioengineering
Program Duplication**

In the table(s) below, provide information about similar programs based on CIP codes. Institutions may list other programs that are similar but may be classified in a different CIP code. A search for similar programs by CIP can be conducted at <https://dataportal.cpe.ky.gov/KYAcademicProgInventory.aspx>. Please contact the Program Approval and Review Coordinator, [Leslie Harper](#), for assistance in determining a CIP code.

Copy the table below as needed to address all similar programs.

Note: Although this information is required by CPE for degree programs, certificate programs should also complete this table so that they can better consider how competition will effect enrollment projections.

Similar Program 1:	
Institution:	University of Louisville
Program Name:	Interdisciplinary Studies with Specialization in Translational Bioengineering (ISSTBE) PhD Program
Comparison of Objectives/Focus/Curriculum to Similar Programs: <i>Explain the differences in curriculum, focus, and/or objectives. If the proposed program curriculum does not differ substantially from existing programs, then <u>describe potential collaborations with other institutions.</u></i>	This is the same because the proposal is to transfer and rename the current ISSTBE program to the J.B. Speed School of Engineering as a PhD in Translational Bioengineering program.
Comparison of Student Populations: <i>Describe how your target student population is different from those at other institutions and explain how your program reaches this new population (e.g. the proposed program is completely online while other programs are face-to-face or hybrid).</i>	This is the same because the proposal is to transfer and rename the current ISSTBE program to the J.B. Speed School of Engineering as a PhD in Translational Bioengineering program.
Access to Existing Programs: <i>Explain how/why existing programs cannot reach your target population and/or provide evidence that existing programs do not have the capacity to meet current student demand (e.g. the number of students on enrollment waiting list).</i>	This is the same because the proposal is to transfer and rename the current ISSTBE program to the J.B. Speed School of Engineering as a PhD in Translational Bioengineering program.
Feedback from Other Institutions: <i>Summarize the feedback from colleagues at institutions with similar programs.</i>	

Similar Program 2:	
Institution:	University of Kentucky
Program Name:	Biomedical Engineering PhD Program

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<p>Comparison of Objectives/Focus/Curriculum to Similar Programs: <i>Explain the differences in curriculum, focus, and/or objectives. If the proposed program curriculum does not differ substantially from existing programs, then <u>describe potential collaborations with other institutions.</u></i></p>	<p>The current ISSTBE program is unique to Kentucky, and very few programs offering clinical translational and entrepreneurship focused bioengineering doctoral degrees exist in the US. The current ISSTBE program and proposed Translational Bioengineering doctoral program focuses on areas that are not highly emphasized at the University of Kentucky. Specifically, three tracks are offered in the proposed program in the areas of traditional bioengineering research, clinical translational research and entrepreneurship of bioengineering technologies. Additionally, the proposed doctoral program consists of four identified concentration areas: 1) Bioelectronics and Biomedical Devices; 2) Bioimaging and Biocomputational Modeling; 3) Biomechanics and Rehabilitation; and, 4) Molecular and Tissue Engineering. On the other hand, the University of Kentucky only offers a traditional biomedical engineering Ph.D. program which focuses on the following research areas: 1) Biomaterials and Tissue Engineering; 2) Biophotonics; 3) Cardiovascular and Neural Control; and, 4) Cellular and Musculoskeletal Biomechanics. This proposal is to transfer and rename the current unique ISSTBE program to the J.B. Speed School of Engineering as a PhD in Translational BE program.</p>
<p>Comparison of Student Populations: <i>Describe how your target student population is different from those at other institutions and explain how your program reaches this new population (e.g. the proposed program is completely online while other programs are face-to-face or hybrid).</i></p>	<p>The program at U of K generally expects applicants to have a master’s degree. However, our program requires applicants to at minimum have or be in the process of completing a Bachelor’s Degree in Engineering from an accredited program or a similar field such as Medical Physics with a 3.25 cumulative GPA to be considered for admission.</p>
<p>Access to Existing Programs: <i>Explain how/why existing programs cannot reach your target population and/or provide evidence that existing programs do not have the capacity to meet current student demand (e.g. the number of students on enrollment waiting list).</i></p>	<p>We have established a unique interdisciplinary PhD program in Bioengineering with tracks are offered in the proposed program in the areas of traditional bioengineering research, clinical translational research and entrepreneurship of bioengineering technologies.</p>
<p>Feedback from Other Institutions: <i>Summarize the feedback from colleagues at institutions with similar programs.</i></p>	<p>University of Kentucky Biomedical Engineering Department was supportive of the proposal to create the ISSTBE program in 2016 and continues recognize the uniqueness of ISSTBE program.</p>