

**INTRA-UNIVERSITY SYSTEM
MEMORANDUM OF UNDERSTANDING
for the
Engineering Science Cooperative Ph.D. Program**

This Intra-University System Memorandum of Understanding (“MOU” or “Agreement”) is entered into this 1st day of January, 2023 by and between Southern Illinois University Carbondale (SIUC) and Southern Illinois University Edwardsville (SIUE), each under the governance of the Board of Trustees of Southern Illinois University (“SIU” or “System”); and

Whereas, SIUC and SIUE wish to expand the educational opportunities of engineering students enrolled in the System by establishing a cooperative program (“Program”) whereby SIUE School of Engineering (SoE) graduate students may enroll in the SIUC College of Engineering, Computing, Technology, and Mathematics (CoECTM) Engineering Science Ph.D. program.

NOW THEREFORE, SIUC and SIUE agree as follows:

1. The Program will be jointly administrated by the Ph.D. program directors from SIUC CoECTM and the SIUE SoE.
2. The SIUC graduate catalog shall govern admission, enrollment and participation of SIUE SoE post-master’s degree students in the Ph.D. in Engineering Science at SIUC.
3. The graduate faculty of the SIUE SoE and the SIUC CoECTM will cooperate in the implementation of the Program.
4. Admission. The Ph.D. program Director at the SIUE SoE is the coordinator of the program at SIUE and an ad-hoc member of the SIUC Ph.D. Committee. The Ph.D. program Director will evaluate the applications of students admitted to SIUE in association with the SIUE Graduate School and relevant faculty members in the SIUE SoE and administer a decision regarding the eligibility of individual students. If the applicant receives a recommendation for admission, they will be notified to submit their application to SIUC.

At the same time or before, the SIUE faculty member who has agreed to mentor the applicant will seek an SIUC faculty member who will serve as the co-advisor at SIUC.

Applications will be reviewed and a final decision to admit or not will be administered by the SIUC CoETCM in the same manner as other students are admitted or declined to SIUC’s Ph.D. in Engineering Science program.

5. Graduate Faculty Status. SIUE SoE faculty members, whether tenured or tenure track, who are interested in participating in the Engineering Science Ph.D. program must have graduate faculty status at SIUC. Those interested in chairing candidacy or dissertation committees must have direct dissertation status at SIUC as well. Participating SIUE faculty will be granted regular graduate faculty status at SIUC by submitting required documentation to the SIUE Graduate School,

which will review and send to the SIUC Graduate School for review. An SIUE faculty requesting direct dissertation status must be a tenured associate or full professor and be approved by the SIUC Graduate School. Tenure-track assistant professors may also request direct dissertation status, consistent with approved criteria in the SIUC CoECTM. SIUC engineering faculty requesting graduate faculty status at SIUE can do so by contacting the Associate Dean of the SoE in cooperation with the SIUE Graduate School.

Tuition and fees: Southern Illinois University Board of Trustee's policy regarding tuition and fees of cooperative graduate programs shall govern tuition and fees for the Program. Accordingly, the following shall apply: (a) Program students may register for classes on either campus, provided however that registration for SIUC classes must be through SIUC and registration for SIUE classes must be through SIUE; (b) Program students will pay tuition and fees to the campus at which they registered for the class; thus, in a single semester, students may be registered on both campuses and be paying some tuition and fees on each campus; (c) if Program students are only taking classes at SIUE, they will be registered for one credit of 601 with no charge at SIUC; and if only taking classes at SIUC, Program students will be registered in UNIV 500 for no charge at SIUE; and (d) if the student has a graduate assistantship or fellowship, the tuition waiver shall apply at both campuses.

6. Residency: SIUE is designated as an approved residence center by the SIUC Graduate School, making courses taken at SIUE applicable toward SIUC residency requirements for graduation.
7. SIUE Advisor and Chair Responsibilities: The SIUE advisor is generally the SIUE chair of the dissertation committee. The SIUE advisor identifies, with the assistance of the SIUE and SIUC Ph.D. Directors if needed, an SIUC co-advisor (See Section 4). The SIUE advisor ensures that the plan of study is completed and filed with the SIUC Graduate School within 1 year of the student beginning the Program. The SIUE chair is the instructor for the dissertation hours taken at SIUE (See Section 11.). Both the SIUE chair and the SIUC co-chair will be involved in choosing the dissertation committee members (See Section 12.) and will explore and implement, when possible, joint outcomes (See Section 13.).
8. SIUC Co-Advisor and SIUC Co-Chair Responsibilities: The SIUC co-advisor is generally the SIUC co-chair of the dissertation committee. Both the SIUE advisor and the SIUC co-advisor must approve and sign the student's plan of study, which must be filed with the SIUC Program Director within 1 year of the student beginning the Program. The SIUC co-advisor is the instructor if an independent study course is taken as part of the 9 hours of SIUC course work; (See Section 10.). The SIUC co-chair is the instructor for the dissertation hours taken at SIUC; (See Section 10.). Both the SIUE chair and the SIUC co-chair will be involved in choosing the dissertation committee members (See Section 12.) and will explore and implement, when possible, joint outcomes (See Section 13.).
9. Courses: Students follow the program requirements for the Engineering Science Ph.D. Program as listed in the SIUC catalog. An SIUE student must complete at least 9 hours of SIUC course work, of which no more than 3 hours can be an independent study supervised by the SIUC co-advisor, no

more than 3 hours can be an SIUC science course, and at least 6 hours must be SIUC engineering courses. The remaining 17 hours of coursework may be completed at SIUE. In addition, an SIUE student must register for 12 of the 24 hours of dissertation work at SIUC with the co-chair of the dissertation committee and for the remaining 12 hours at SIUE with the chair of the dissertation committee.

All graduate courses offered by the two Universities are to be reciprocally recognized as appropriate for application toward the doctoral degree within the requirements of the individual student's program. The Engineering Science Ph.D. Committee at SIUC will examine the graduate course offerings at both institutions to determine courses that could be cross-listed in the graduate catalog. The institutions will facilitate course delivery via distance learning such as online synchronous, asynchronous, blended, or similar means, to increase the number of offerings for students from both campuses and to eliminate traveling for course work.

10. Candidacy Exam: To become a Ph.D. candidate, an SIUE student will follow existing rules applied to all students in the Engineering Science Ph. D Program. In addition, the Candidacy Exam Committee will be composed of at least three graduate faculty members consisting of the SIUE advisor of the student, the SIUC co-advisor, and another graduate faculty from one of the campuses. It is recommended that these same faculty members serve also on the student's Dissertation Committee. Any change in the advisor or the co-advisor at any stage must be approved by both the SIUE and the SIUC Ph.D. Program Directors.
11. Dissertation: A dissertation must be written under the co-direction of the student's dissertation committee chair and co-chair and approved by the student's Dissertation Committee. The Committee will be composed of at least five members: two Graduate Status II faculty from SIUE, two graduate faculty from SIUC, including a chair from SIUE and a co-chair from SIUC, and one graduate faculty from outside the student's major department from either SIUE or SIUC or from another university or institution provided that adjunct graduate faculty status has been granted by the SIUC Graduate School Dean.
12. Joint Outcomes: SIUC and SIUE cooperative doctoral program participants are encouraged to create measurable joint outcomes, such as publications and proposals for external funding and to meet through online platforms and/or in person on a regular basis. Such outcomes will be considered as a critical aspect in the annual assessment and evaluation (See Section 14.) of the Program.
13. Assessment: The SIUE Ph.D. program Director will provide requisite assessment data to the SIUC Ph.D. program Director annually by the required deadline. The SIUC Ph.D. Program Director will confirm that the SIUE assessment measures are aligned to the program's student learning outcomes and are consistent with SIUC assessment measures. The data will be reviewed by both SIUE and SIUC faculty and through relevant campus processes. The data will be disaggregated in the SIUC assessment report.
14. Program Review: The SIUE Ph.D. program Director will provide requisite program review data to the SIUC Ph.D. Program Director by the required

deadline. The data will be reviewed by both SIUE and SIUC faculty and through relevant campus processes. The data will be disaggregated in the SIUC program review report.

15. Term & Termination: This MOU shall become effective upon final execution and shall continue through June 30, 2028 ("Term") unless earlier terminated as provided herein. Either party (SIUC or SIUE) may terminate this agreement, with or without cause, by providing written notice to the other party at least 90 days in advance of the intended termination date. No less than 180 days prior to the expiration of the Term, the SIUC CoECTM and the SIUE SoE representatives will confer to decide whether to renew the cooperative program defined herein and the terms and conditions of that renewal. Notwithstanding the foregoing provision, any such renewal shall be effective only upon a written agreement signed by the authorized representatives of SIUC and SIUE. If this agreement is terminated or not renewed, the then-enrolled Ph.D. students from SIUE will be allowed to complete their program, subject to the rules and policies applicable to the program, including but not limited to completion within the maximum number of years allowed by the SIUC Graduate School catalog.
16. Modification: This agreement may be modified only by written agreement executed by the authorized representatives of SIUC and SIUE.
17. Entire Agreement. This MOU represents the entire agreement of SIUC and SIUE regarding the Program and supersedes all prior agreements or understandings regarding the Program, oral or written, including without limitation the agreement between SIUE and SIUC that became effective March 21, 2007.

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Recommended on behalf of SIUC by:

Xiaoqing Liu Digitally signed by Xiaoqing Liu
Date: 2023.03.16 19:39:38
-05'00'

Xiaoqing "Frank" Liu, Dean
College of Engineering, Computing,
Technology, and Mathematics

Recommended on behalf of SIUE by:

Cem Karacal Digitally signed by Cem Karacal
Date: 2023.03.20 11:47:05
-05'00'

Cem Karacal, Dean
School of Engineering

Constantinos Tsatsoulis Digitally signed by
Constantinos Tsatsoulis
Date: 2023.03.17 08:53:20
-05'00'

Constantinos Tsatsoulis, Vice Chancellor
for Research and Dean of the Graduate
School

Jerry B. Weinberg Digitally signed by Jerry B.
Weinberg
Date: 2023.03.20 10:38:03
-05'00'

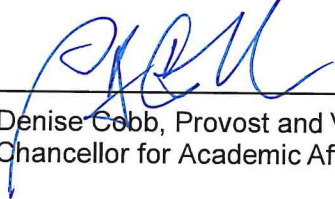
Jerry Weinberg, Associate Provost for
Research and Dean of the Graduate
School

Signed on behalf of SIUC by:

Robert D. Morgan Digitally signed by Robert D.
Morgan
Date: 2023.03.19 20:51:13
-05'00'

Robert D. Morgan, Co-Acting Provost
and Vice Chancellor for Academic Affairs

Signed on behalf of SIUE by:


Denise Cobb, Provost and Vice
Chancellor for Academic Affairs