

**Exhibit J**  
**Program Level Agreement**  
**Bachelor's to Master's Pathway**  
**B.Sc. in Physics to M.Sc in Engineering Management**

This Program Level Agreement is intended to amend and be appended to, and operates in conjunction with the institutional MOU between KSU and Oglethorpe University dated May 20, 2026.

**Program Content Point of Contact:**

Kennesaw State University Lin Li MS EM Program Coordinator lli19@kennesaw.edu	Oglethorpe University Mariel Meier Chair of the Division of Natural Sciences mmeier@oglethorpe.edu
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**Pathway Admission / Eligibility Requirements**

1. The student may apply in the spring semester of the junior year or after completing 80 hours at the Partner Institution .
2. Undergraduate GPA of 3.25
3. The student may begin to take courses at KSU upon completion of 96 hours at the Partner Institution.
4. The student must be in good academic standing as defined by the Partner Institution .

**Pre-requisite Requirements**

MAT-131 Calculus I, MAT-132 Calculus II, and PHY-201 College Physics must be completed prior to taking courses as part of this pathway.

**Transfer Articulation**

The following master's level courses taken at KSU have been deemed appropriate for reverse transfer to complete the B.Sc. in Physics undergraduate degree at Oglethorpe University.

<b>Kennesaw State University Course</b>	<b>Oglethorpe University</b>
EM 6510 Data Analytics for Engineering Managers	Satisfies additional CSC (4 credit hours) elective course requirement for the Computational Physics track OR general elective credit (3 credit hours)
SYE 6005 Introduction to Systems Engineering	Satisfies additional PHY (4 credit hour) elective course requirement for the General Physics track OR general elective credit (3 credit hours)
EM 6650 Quality Systems Management	General elective credit (3 credit hours)

**Sample Plan of Study for B.Sc. in Physics to Master of Engineering Management**

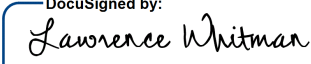
In year 3 of B.Sc in Physics at OU students should apply to the Bachelor's to Master's Pathway Program by the application deadline of July 1 or November 1 to begin taking KSU courses in Fall or Spring Semester of their senior year.

Plan of Study – Based on full-time graduate credit hours once admitted to the MS program.

<b>Pathway Program</b>		
Year	KSU	OU
Year 3 Summer (Junior)	Apply to Pathway Program by July 1 for Fall	Courses as needed to complete degree
Year 4 Fall (Senior) 3-6 Credit Hours	EM 6510 Data Analysis for Engineering Managers SYE 6005 Introduction to Systems Engineering	Courses as needed to complete degree
Year 4 Spring (Senior) 3-6 Credit Hours	EM 6650 Quality Systems Management SYE 6005 Introduction to Systems Engineering (if not taken in fall)	Courses as needed to complete degree

Year 4 Summer 9 Credit Hours Completed	Apply for Graduate Admission to the MS in Engineering Management by July 1 for Fall, November 1 for Spring	Transfer KSU coursework back to OU to graduate.
<b>Admission into the MS Program</b>		
Year 5 Fall	MGM 7050 Managing and Leading Work Behavior FIN 720 Business Finance  Select 1 of 2 below: EM 6611 Statistical Process control SYE 6075 Manufacturing and Warehousing Systems	
Year 5 Spring	SYE 6010 Project Management Processes Take 3-6 credit hours from the following: IS 7090 Leveraging Information Systems in Business EM 6602 Total Quality EM 6611 Statistical Process control EM 6613 Regression Analysis EM 6722 Human factors Engineering EM 6800 Master's Directed Study SYE 6070 Logistics and Supply Chain Management SYE 6075 Manufacturing and Warehousing Systems	
Year 5 Summer	Take 3-6 credit hours from the following: IS 7090 Leveraging Information Systems in Business EM 6602 Total Quality EM 6611 Statistical Process control EM 6613 Regression Analysis EM 6722 Human factors Engineering EM 6800 Master's Directed Study SYE 6070 Logistics and Supply Chain Management SYE 6075 Manufacturing and Warehousing Systems	

By signing, the signatory affirms participation by their institution in this MOU and Transfer Articulation Agreement based on the terms and conditions identified above.

DocuSigned by:  
  
 May 26, 2026  
 Lawrence Whitman, Ph.D.  
 Dean, Southern Polytechnic College of Engineering  
 and Engineering Technology  
 Kennesaw State University  
 lwhitma5@kennesaw.edu

Signed by:  
  
 May 20, 2026  
 Gabriel Barreneche, Ph.D.  
 Provost and Vice President for Academic Affairs  
 Oglethorpe University  
 gbarreneche@oglethorpe.edu