

LIFE-CYCLE SYSTEM DESIGN GRADUATE CREDIT CERTIFICATE PROGRAMS

Person-in-Charge	Raghu Sangwan
Program Code	MEMLCD
Campus(es)	Great Valley World Campus

The Graduate Certificate in Life-cycle System Design is a program for students who aim to pursue a career as a System Architect, Lead System Engineer, System Requirements Engineer, System Engineer, or System Integration Engineer where skills will include responsibilities to analyze, architect, design, implement and manage the technical development aspects of a system, design, implement, and coordinate technical design aspects of a system, identify, document, and manage requirements, develop, and document technical aspects of system in any life cycle phase (concept, design, implementation, operation, maintenance), or develop and manage interoperability across systems.

Courses taken in the certificate program may be applied toward a master's degree in Systems Engineering, subject to restrictions outlined in GCAC-309 Transfer Credit (<https://gradschool.psu.edu/graduate-education-policies/gcac/gcac-300/gcac-309-transfer-credit/>). Certificate students who wish to have certificate courses applied towards a graduate degree must apply and be admitted to that degree program. Admission to the graduate degree program is a separate step and is not guaranteed.

Effective Semester: Spring 2024

Expiration Semester: Spring 2029