

# SUPPLY CHAIN MANAGEMENT, LOGISTICS, AND ANALYTICS CERTIFICATE

The local community has seen a rapid rise in logistics and warehousing-related industries and jobs. Furthermore, the regional Chicago-Milwaukee area, along with national trends, highlights the increased attention and growth in the area of supply chain management. Owing to this, businesses and corporate executives are looking to formalize and enhance their knowledge in the area of SCM. The proposed undergraduate certificate in Supply Chain Management, Logistics, and Analytics (SCMLA) reconciles these interests and aims to deliver fundamental foundational education in the area of SCM. Furthermore, it explores cutting-edge concepts such as supply chain finance, using analytics in SCM and the intricacies of global buyer-supplier relationships.

The undergraduate certificate in Supply Chain Management, Logistics, and Analytics (SCMLA) is being offered through the undergraduate business degree SCMLA concentration and will include existing courses from the undergraduate program. This certificate differs from the graduate-level Supply Chain Management (SCM) certificate in terms of the expected level of knowledge, experience, and level of problem-solving. The courses and textbooks used are different at the undergraduate and graduate levels.

## Program Learning Outcomes

1. Demonstrate understanding of core supply chain concepts and terminologies.
2. Examine and apply various procurement, inventory management, and logistics related strategies in supply chains.
3. Resolve various supply chain challenges through quantitative (data analysis) and qualitative approaches.

For admission to the SCMLA certificate, students must meet one of the following criteria:

- Earned 54 credits at UW-Parkside or another college/university
- An undergraduate degree in any discipline
- Associate degree and two years of business experience, preferably at mid-level management or above or at an entrepreneurial firm.
- Five years of business experience, preferably in mid-level management or above or at an entrepreneurial firm.

A minimum of a 2.5 average cumulative GPA is required in the courses used to earn the certificate.

For existing UW-Parkside students, the selected courses should be courses that are not counted as electives towards their existing major/concentration.

Students from non-business majors without prior knowledge of statistics are advised to complete QM110 or equivalent course before enrolling for the BUS 465 and BUS 467 certificate courses.

BUS 465	Demand Supply Analytics: Distribution, Procurement, and Inventory Models
BUS 466	Global Negotiations and Supplier Relations
BUS 467	Managing Pricing, Risks and Finances in Supply Chains

**Total Credits** 9

## University Requirements for Undergraduate Certificates

Course work in a certificate must be completed with a minimum 2.00 GPA. Departments or programs may require a higher GPA.

A minimum of 9 credits in a certificate program must be taken at UW-Parkside. Individual departments and programs may require more than 9 credits to be taken at UW-Parkside.

Code	Title	Credits
<i>Select three of the following:</i>		9
BUS 427	Introduction to Supply Chain Management	