



UW Extension Certificate Program

SQL Server Specialist

About the Program

Database applications are integral to any business, nonprofit organization, government agency or educational institution. The digital age has made data a ubiquitous phenomenon that grows exponentially, and this data needs to be managed, analyzed and leveraged with ever-increasing complexity to stay abreast of leading-edge developments. Databases have become essential organizational tools to manage data, serve as back-ends to sophisticated, dynamic Web sites, and incorporate data and reporting needs of divisions across geographic expanses.

This certificate program provides technology professionals with an in-depth view of SQL Server in a variety of business contexts. The program is project-driven, which enables students to work on smaller applications as well as a longer database project that spans the course sequence. Concepts and tools, development, administration, query optimization, T-SQL procedures and data are covered. The program is designed for students who wish to become SQL Server specialists with a well-rounded background. It is also helpful for those preparing for SQL Server certification exams.

The SQL Server Specialist Certificate Program is intended for

- Individuals seeking expertise in a database development platform product
- IT professionals considering SQL Server certification
- Individuals working for organizations that rely on SQL Server or are considering the purchase or migration to a SQL Server product
- IT professionals interested in expanding their database expertise to become multi-database experienced

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PROFESSIONAL CERTIFICATE PROGRAM

>> www.extension.washington.edu

Courses

SQL Server Essentials: Concepts and Tools

The first course will introduce SQL Server. Topics included will involve relational database concepts, SQL programming, SQL Server tools, as well as introduce topics that will be presented in more detail in subsequent courses.

Database Development

Focuses on actual development of a more sophisticated database application. The distinction between application (UI) and database development is examined, along with programming concepts, views, security issues and reporting.

SQL Server Administration

Covers administration topics of interest to developers and DBA's including backup and restore, security, user accounts, performance tuning and optimization, alert automation, hardware influence on performance, report distribution, high availability and disaster recovery as well as defining ETL and dataflow.

About UW Extension Certificate Programs

This nine-month program gives you a diverse set of skills to take you to the next stage in your career.

Build Your Network! You'll connect with other designers & developers enhancing their own careers, allowing you to learn from their experiences and expand your professional network.

Study with the Pros! Learn from seasoned instructors who derive their expertise from many years of teaching & professional experience.

Earn a valuable Credential! The University of Washington is the leading research and graduate studies university in the Northwest.

Learn around Your Schedule! The certificate program courses are scheduled at a convenient time to work with your busy schedule.

Make the decision today to achieve your career goals—and let the Managing for High Performance certificate give you the knowledge you need to get there.

About UW Extension

Learning through UW Extension gives working professionals the quality education that will take your career to the next level, whether you long for a promotion or a shift to a completely new field. All UW Extension programs are designed by UW faculty, industry experts and community leaders. To ensure you receive first-rate instruction, every UW Extension program must be approved by the corresponding University of Washington academic department. UW advisory boards are continually reviewing programs and

Learn more about the program

For complete details, visit the Web site:

➔ WWW.EXTENSION.WASHINGTON.EDU

📍 Attend an information meeting.

Interested in a certificate? You can ask questions and meet instructors and former students at these free meetings. For meeting dates, times and locations, please go to our Web site.

Questions? Ask away

Give us a call:

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