UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 2

Fall 2025

--REQUIREMENTS—

The requirements listed below reflect the undergraduate major curricular changes approved by the Catalog Subcommittee since approval of the last Undergraduate Major Change Bulletin. All changes are underlined. Deletions are crossed out. The column to the far right indicates the date each change becomes effective. Note: Items marked **{S}** have been streamlined and do not require Catalog Subcommittee review.

Department	Proposed	Effective Date
Data Analytics Change name of undergraduate certificate Advanced Data Science to Advanced Data Analytics and revise requirements; extend certificate to the Everett; Pullman, and Vancouver campuses	**Advanced Data ~~Science~~ Analytics** This certificate in Advanced Data Analytics demonstrates mastery in comprehensive data analysis, visualization, ethical considerations, and sophisticated statistical modeling, preparing individuals to lead in data-driven decision-making. Certificate Prerequisite: Intermediate Data Analytics Certificate. Completion of the Advanced Data Science Certificate requires a total of 15 credits. Students are required to complete DATA 422, ~~435, 437,~~ PHIL 450, STAT/DATA 435, 437, and three approved credits taken from ~~Business~~ any elective, subject to department approval. Students currently enrolled in the Data Analytics degree program are not eligible for a Data Analytics certificate. This certificate, combined with the Foundations of Data Analytics Certificate, the Intermediate Data ~~Science~~ Analytics Certificate, an internship course, and a capstone course, fulfills the major requirements of the Bachelor of Science in Data Analytics. A degree requires additional University requirements. Please consult the Program in Data Analytics section of the Washington State University Catalog for a complete list of degree requirements.	**8-26**
Data Analytics Revise requirements for undergraduate certificate Foundations of Data Analytics; extend certificate to the Everett; Pullman, and Vancouver campuses	**Foundations of Data Analytics** This certificate in Foundations of Data Analytics showcases expertise in programming, data analysis, linear algebra, calculus, and statistics, empowering individuals to excel in data-driven roles. Completion of the Foundation of Data Analytics Certificate requires a total of 18 credits. Students are required to complete CPT S 121, DATA 115, ~~225,~~ MATH 171, MATH/DATA 225, and STAT 212 or equivalent. Students currently enrolled in the Data Analytics degree program are not eligible for a Data Analytics certificate. This certificate, combined with the Intermediate Data ~~Science~~ Analytics Certificate, the Advanced Data ~~Science~~ Analytics Certificate, an internship course, and a capstone course, fulfills the major requirements of the Bachelor of Science in Data Analytics. A degree requires additional University requirements. Please consult the Program in Data Analytics section of the Washington State University Catalog for a complete list of degree requirements.	**8-26**
Data Analytics	**Foundations of Data Science**	**8-26**

Revise requirements for undergraduate certificate Foundations of Data Science; extend certificate to the Everett; Pullman, and Vancouver campuses	This certificate in Foundations Data Science signifies proficiency in essential data analytics, programming, machine learning, and statistical methods, laying a strong groundwork for advanced data-driven projects. Admission to the standalone Foundations of Data Science Certificate requires MATH 171 or ~~higher or an ALEKS math placement score of 80%~~ or equivalent; and CPT S 121, 131, or CS 121. Completion of the Certificate requires a total of 15 credits. Students are required to complete DATA 115, 219, ~~225,~~ 301, 302, DATA 303 or MIS 372, MATH/DATA 225, and STAT/DATA 360. Students currently enrolled in the Data Analytics degree program are not eligible for a Data Science certificate.	
Data Analytics Revise requirements for undergraduate certificate Intermediate Data Analytics; extend certificate to the Everett; Pullman, and Vancouver campuses	**Intermediate Data Analytics** This certificate in Intermediate Data Analytics highlights proficiency in advanced programming, data handling, visualization, SQL, and statistical modeling, equipping individuals to excel in complex data-driven environments. Certificate Prerequisite: Foundations of Data Analytics Certificate. Completion of the Intermediate Data Analytics Certificate requires a total of 15 credits. Students are required to complete DATA 219, 301, 302, 303, 319, 324, and STAT/DATA 360. Students currently enrolled in the Data Analytics degree program are not eligible for a Data Analytics certificate. This certificate, combined with the Foundations of Data Analytics Certificate, the Advanced Data ~~Science~~ Analytics Certificate, an internship course, and a capstone course, fulfills the major requirements of the Bachelor of Science in Data Analytics. A degree requires additional University requirements. Please consult the Program in Data Analytics section of the Washington State University Catalog for a complete list of degree requirements.	**8-26**
Data Analytics Revise requirements for undergraduate certificate Intermediate Data Science; extend certificate to the Everett; Pullman, and Vancouver campuses	**Intermediate Data Science** This certificate in Intermediate Data Science highlights advanced skills in data modeling, repository systems, project integration, regression techniques, and data visualization, empowering individuals to excel in complex data-driven environments. Admission to the standalone Intermediate Data Science Certificate requires MATH 171 or ~~higher or an ALEKS math placement score of 80%~~ equivalent; and CPT S 121, 131, or CS 121. Completion of the Certificate requires a total of 15 credits. Students are required to complete DATA 319, 324, 422, STAT/DATA 435, and 437. Students currently enrolled in the Data Analytics degree program are not eligible for a Data Science certificate.	**8-26**