

# Advanced Certificate in Applied Computer Science

The Advanced Certificate in Applied Computer Science consists of 15 units of graduate coursework.

| Code               | Title   | Units     |
|--------------------|---|-----------|
| CAPS-CS 5000       | Foundations of Computer Science and Programming (Bridge I course) | 3         |
| CAPS-CS 5001       | Foundations of Discrete Math and Structures (Bridge I course)     | 3         |
| CAPS-CS 5005       | Foundations of Object-Oriented Programming (Bridge II course)     | 3         |
| CAPS-CS 5006       | Introduction to Cloud Computing (Bridge II course)                | 3         |
| CAPS-CS 5035       | Data Engineering Foundations (Bridge II course)                   | 3         |
| <b>Total Units</b> |   | <b>15</b> |

*This program is offered fully online. Students entering the U.S. on an F-1 or J-1 Visa must enroll in a program full time. F-1 students are only permitted to enroll in one online course per semester and J-1 students may only enroll in non-credit online courses that do not count toward their degree program. WashU Continuing & Professional Studies (CAPS) cannot guarantee face-to-face enrollment options each semester of full time enrollment, therefore cannot issue an I-20 or DS 2019 to F-1 and J-1 students for this program. If you are an F-1 or J-1 student and wish to enroll in a CAPS program while here on a Visa, please contact our recruitment team to discuss your options for face-to-face program enrollment. F-1 and J-1 students should not enroll in online courses or programs without first consulting the university's Office for International Students and Scholars (OISS).*