

# CERTIFICATE IN APPLIED STATISTICS

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Fairfield University's applied statistics certificate program is designed for working professionals and graduate students interested in gaining a solid background in the fundamentals of statistics. The program blends practical and theoretical data analysis to train students in the collection, organization, analysis, interpretation, and presentation of numerical data.

Building competency in the field of applied statistics is beneficial to a wide range of careers in business, education, engineering, government, healthcare, science, and technology because it hones the data analytic skills needed to become a more valuable and efficient problem solver in the workplace.

Fairfield's applied statistics certificate program combines individual attention, a faculty deeply committed to teaching, and a focus on the whole person to meet you where you are and give you the skills you need to meet the analytic challenges you face. These skills include facts, methods, and tools, but also understanding, creative problem solving, and thinking with clarity, precision, and flexibility. Our program is designed with busy professionals in mind and is sufficiently flexible to fit into your schedule. The certificate can be earned as part of the requirements for the MS program or on its own.

<b>Code</b>	<b>Title</b>	<b>Credits</b>
MATH 5417	Applied Statistics I	3
MATH 5418	Applied Statistics II	3
MATH 5451	Probability Theory	3
MATH 5452	Statistics Theory	3
<b>Total Credits</b>		<b>12</b>

Note: Students who have completed the material in one or more of the required courses may substitute additional courses in applied and theoretical statistics and applied mathematics with the permission of the program director.