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|  | **CALIFORNIA STATE UNIVERSITY, LONG BEACH****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**Department of Mathematics and Statistics |

Suggested Graduate Program Plan: Biostatistics Interest

This prospective program is contingent upon the thesis choice for the culminating activity. Only the final Spring semester would change should the student select the comprehensive exam option. All programs are subject to the parameters delineated in the CSULB catalog.

[Program Plan](http://web.csulb.edu/divisions/aa/catalog/current/cnsm/mathematics/stat_grad.html)

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| 1. FALL

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| ☐ STAT 475 Data Analysis with SAS |
| ☐ STAT 510 Regression Analysis  |
| ☐ STAT 530 Experimental Design and Analysis  |

 | 2. SPRING

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| ☐ STAT 520 Statistical Inference |
| ☐ STAT 550 Multivariate Statistical Analysis  |
| ☐ STAT 592 Advanced Methods in Biostatistics |

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| 3. FALL

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| ☐ STAT 483 Survey Sampling |
| ☐ STAT 590 Survival Analysis |
| ☐ Non-STAT Elective\* |

 | 4. SPRING

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| ☐ STAT 698 Thesis or Project |
| or |
| ☐ STAT 560 Nonparametric Statistics  |

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| *\* Possibilities include* | BIOL 574: BioinformaticsCECS 406: Topics in Machine LearningHSC 500. Principles of Epidemiology IS 480: Advanced Database ManagementMATH 521: Matrix Method in Data Analysis and Pattern Recognition |

[Advancement to Candidacy](http://web.csulb.edu/divisions/aa/catalog/current/graduate_information/advancement_candidacy.html)

Should typically be completed by the end of your first academic year