

Methods Courses

Examples of courses that may satisfy the CSP methods course requirement are included below. If you seek to take one of the following methods courses or one that is not listed/new, you must seek approval from Anne and Sarah. With your request, please email the name of the course, course designator (course number) and brief description. Prior to doing so, please also reach out to the faculty of record for the course to ensure that 1) the course is being offered in the quarter you would like to take it and 2) that the course is open to graduate students from outside the home department/program.

A methods course should provide training in quantitative or qualitative research design, tools, and analysis.

Examples quantitative methods courses that may be considered include:

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| • AM 211 | Fdns of Applied Math. | • ENVS 215B/L | GIS Intermediate |
| • AM 212A | Applied Math. Methods I | • ENVS 265 | Data Sci for Environment |
| • AM 214 | Applied Dynamical Sys. | • ENVS 280 | Big Data |
| • AM 215 | Stochastic Modeling in Bio | • ENVS 291 | Spatial Research & Model. |
| • BIOE 248A/B | Quant Methods | • PSYC 204 | Quantitative Data Anlys |
| • BIOE 281 | Disease Ecol/Population | • SOCY 204 | Methods of Quant Anlys |
| • BIOE 276 | Data Science for EEB | • STAT202 | Linear Models in SAS |
| • CSP 242/L | Exptl Design & Data Anlys | • STAT203 | Intro of Probability Theory |
| (BIOE 286/L) | | • STAT205B | Intermed. Classical Infer. |
| • CSP 282 | Mthds Coast Clim Resilience | • STAT206 | Applied Bayesian Stats |
| • EART 225 | Stats and Data Anlys Geosci | • STAT207: | Intermed. Bayesian Stats Mod. |
| • EART 260 | Intro Data Anlys O&ES | • STAT 208 | Linear Models |
| (OCEA 260) | | • STAT 209 | Gen Linear Models |
| • ECON 216 | Applied Econometric Anlys I | • STAT 222 | Nonparametric Bayes |
| • ECON 217 | Applied Econometric Anlys II | • STAT 223 | Time Series Anlys |
| • ECON 210B | Math. Methods Econ Anlys | • STAT 225 | Multivariate Stats |
| • ECON 211A | Adv Econometrics I | • STAT 226 | Spatial Stats |
| • ECON 211B | Adv Econometrics II | • STAT 244 | Decision Theory |
| • ENVS 215A/L | GIS Beginner | | |

Examples qualitative methods courses that may be considered include:

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| • ANTH 208A | Ethnographic Practice | • POLI 202 | Qual Methods Survey |
| • EDU 237 | Qual Research Methods | • PSYC 248 | Survey Methods |
| • ENVS 272 | Qual Field Methods | • PSYC 249 | Field Methods and Social |
| • FMST 201 | Topics in Feminist Methods | | Ethnography |
| • HIST 200 | Methods & Theories History | • PSYC 261 | Participatory Action Research |
| | | • SOCY 205 | Field Research Methods |

Also consider some special topics courses, these are courses that may not be regularly offered or are new.