1. Master's Thesis Independent Studies, San Francisco State University

Aug 2019 - Dec 2021

The following independent study activities were completed under the supervision of my advisor, Dr. Tao He, as part of my MA mathematics thesis research at San Francisco State University.

Authoring, Publicizing and Maintaining R Packages

Fall Semester 2021

References:

1. Wickham H. (2015) *R Packages: Organize, Test, Document, and Share Your Code*. O'Reilly Media, Inc., Boston, Massachusetts, USA.
2. Roger D. Peng, Sean Kross, and Brooke Anderson. (2020) *Mastering Software Development in R*. Victoria, British Columbia, Canada: Leanpub. Retrieved from: https://bookdown.org/rdpeng/RProgDA/

Topics: Version control using Git, error handling, unit testing, style, object documentation and vignettes, licensing, publication via GitHub and via CRAN,

Variation of P-values in Permutation Tests

Fall Semester 2021

References:

1. Knijnenburg, T. A., Wessels, L. F. A., Reinders, M. J. T., & Shmulevich, I. (2009). Fewer permutations, more accurate P-values. In Bioinformatics (Vol. 25, Issue 12, pp. i161–i168). Oxford University Press (OUP). https://doi.org/10.1093/bioinformatics/btp211
2. Marozzi, M. (2007). Some remarks about the number of permutations one should consider to perform a permutation test. Statistica; Vol 64, No 1 (2004); 193-201. https://doi.org/10.6092/ISSN.1973-2201/32

Topics: Nature and sources of variation in the P-value obtained by sampling from the permutation null distribution; empirical evaluation of the effect of the number of permutations used; justification for the pseudocount adjustment; alternative methods for approximating the permutation null distribution for particular types of test statistics

Computation and Programming in Python

Summer 2021

Textbooks: Guttag, John V. *Introduction to Computation and Programming Using Python : With Application to Computational Modeling and Understanding Data*. Cambridge, Massachusetts: The MIT Press, 2021. Print.

Topics: Functions, scoping and abstraction; structured types and mutability; list and dictionary comprehension; recursion and global variables; modules and files;

exceptions and assertions; classes and methods; Pandas library and DataFrame class/methods

Programming in C++ and Strategies for Writing Faster Programs in *R*

Spring Semester 2021

References:

1. Wickham, Hadley. *Advanced R*. Boca Raton: Taylor & Francis, CRC Press, 2019. Print.
2. Prabhakaran, Selva. "Strategies to Speed Up R Code." *datascienceplus*, Jan 2016 (updated May 2018), https://datascienceplus.com/strategies-to-speedup-r-code.
3. Eddelbuettel, Dirk and Balamuta, Joseph. "Extending *R* with C++: A Brief Introduction to Rcpp." Vignette for *Rcpp* (*R* library). July 3, 2021. https://cran.rstudio.com/web/packages/Rcpp/vignettes/Rcpp-introduction.pdf
4. Eddelbuettel, Dirk and Francois, Romain. "Rcpp: Seamless *R* and C++ Integration." March 2017. Publicly available at http://dirk.eddelbuettel.com/code/rcpp/Rcpp-introduction.pdf.
5. Eddelbuettel, Dirk and Francois, Romain. "Writing a package that uses Rcpp." March 2017. Publicly available at https://dirk.eddelbuettel.com/code/rcpp/Rcpp-package.pdf.
6. Weston, Steve. "Using the *foreach* package." Vignette for *foreach* (*R* library). https://cran.r-project.org/web/packages/foreach/vignettes/foreach.html
7. Calaway, Rich. "Using the *iterators* package." Vignette for *iterators* (*R* library). October 2020. https://cran.r-project.org/web/packages/iterators/vignettes/iterators.pdf.

Topics: Programming in C++; toolchain compilers; writing *R* packages containing C++ source code using *Rcpp*; compiling attributes, header files, interfacing custom C and C++ code; functions, classes and methods for *RcppSugar* and *RcppArmadillo* C++ libraries; parallel processing in *R* using the *foreach*, *doparallel* and *iterators* packages

Developing *R* Packages and Using *R*'s Foreign Language Interface

Spring Semester 2021

References: "Writing *R* Extensions." *R* Core Team, 2021. https://cran.r-project.org/doc/manuals/r-release/R-exts.html.

Topics: Internal structure of *R* packages, metadata, namespaces and dynamic symbols/libraries, checking and building packages, system and foreign language interfaces, registering native routines

Reading on Reproducing Kernel Hilbert Spaces

Fall Semester 2020

References:

1. *An Introduction to the Theory of Reproducing Kernel Hilbert Spaces.* (Course Lecture Notes from the University of Houston by Vern I. Paulsen, 2009)
2. Cucker F and Smale S. *On the Mathematical Foundations of Learning*. Bulletin of the American Mathematical Society, Vol 39-1, 1-49 (2002).

Topics: Kernel functions, evaluation functionals, RKHS definition, reproducing kernels and the reproducing property, connection to Riesz representation, distinction between L^2-spaces and RKHS, convergence in RKHS, Parseval identities, interpolation, integral operator defined by a kernel, spectral theorem, Mercer's theorem, representer theorem

Reading on Asymptotic Theory in Probability and Statistics

Fall Semester 2020

Textbooks:

1. Lehmann, E. L. *Elements of Large-Sample Theory*. New York: Springer, 1999. Print.
2. DasGupta, Anirban. *Asymptotic Theory of Statistics and Probability*. New York: Springer, 2008. Print.

Topics: Convergence in probability/distribution, central limit theorems, Edgeworth expansion, delta method, VSTs, asymptotic power, U-statistics

Survey of Research in Genetic Association Testing Methodology

Summer Semester 2020

References:

1. Deng Y, He T, Fang R, Li S, Cao H and Cui Y (2020) Genome-Wide Gene-Based Multi-Trait Analysis. Front. Genet. 11:437. doi: 10.3389/fgene.2020.00437
2. Larson N.B., Jun C and Schaid, D.J. A Review of Kernel Methods for Genetic Association Studies. Genet Epidemiol. 2019 March ; 43(2): 122–136. doi:10.1002/gepi.22180
3. Maity A, Sullivan P.F., Tzeng J-Y (2012) Multivariate Phenotype Association Analysis by Marker-Set Kernel Machine Regression. Genet Epidemiol. 2012 November ; 36(7): 686-695. doi: 10.1002/gepi.21663
4. Broadaway KA, Cutler DJ, Duncan R, Moore JL, Ware EB, Jhun MA, Bielak LF, Zhao W, Smith JA, Peyser PA and others. 2016 A Statistical Approach for Testing Cross-Phenotype Effects of Rare Variants. American journal of human genetics 98(3):525–40. [PubMed: 26942286]
5. Zhan, X., Zhao, N., Plantinga, A., Thornton, T. A., Conneely, K. N., Epstein, M. P., & Wu, M. C. (2017). Powerful Genetic Association Analysis for Common or Rare Variants with High-Dimensional Structured Traits. In Genetics (Vol. 206, Issue 4, pp. 1779–1790). Oxford University Press (OUP). https://doi.org/10.1534/genetics.116.199646
6. Wu, M.C., Kraft P, Epstein M.P., Taylor D.M., Chanock S.J., Hunter D.J. and Lin X (2010). Powerful SNP-Set Analysis for Case-Control Genome-wide Association Studies. The American Journal of Human Genetics. 86, 929-942.
7. Liu D, Ghosh D and Lin X (2008). Estimation and testing for the effect of a genetic pathway on a disease outcome using logistic kernel machine regression via logistic mixed models. BMC Bioinformatics. 9:292. doi: 10.1186/1471-2105-9-292
8. Liu D, Lin X and Ghosh D (2007) Semiparametric Regression of Multidimensional Genetic Pathway Data: Least-Squares Kernel Machines and

Linear Mixed Models. Biometrics. 63, 1079-1088. doi: 10.1111/j.1541-0420.2007.00799.x
9. Kwee L.C., Liu D, Lin X, Ghosh D and Epstein M.P. (2008) A Powerful and Flexible Multilocus Association Test for Quantitative Traits. The American Journal of Human Genetics. 82, 386-397. doi: 10.1016/j.ajhg.2007.10.010
10. Schaid, Daniel J. Genomic Similarity and Kernel Methods I: Advancements by Building on Mathematical and Statistical Foundations. Hum Hered. 2010 Jul; 70(2): 109–131. doi: 10.1159/000312641
11. Schaid, Daniel J. Genomic Similarity and Kernel Methods II: Methods for Genomic Information. Hum Hered. 2010 Jul; 70(2): 132–140. doi: 10.1159/000312643
12. Wang Y, Liu A, Mills JL, Boehnke M, Wilson AF, Bailey-Wilson JE, Xiong M, Wu CO and Fan R. Pleiotropy Analysis of Quantitative Traits at Gene Level by Multivariate Functional Linear Models. Genet Epidemiol. 2015 May ; 39(4): 259–275. doi:10.1002/gepi.21895.
13. He Q, Avery C and Lin D-Y (2013) A General Framework for Association Tests With Multivariate Traits in Large-Scale Genomics Studies. Genet Epidemiol. 2013 December ; 37(8): 759–767. doi:10.1002/gepi.21759

Topics: Kernel-based testing methods in genetic association studies; multi-trait genetic association tests

MATH 899 Independent Study on Measure-theoretic Probability

Spring Semester 2020

Reading independent study on measure-theoretic probability.

Grade: A

Supervisor: Tao He

Textbooks: Çınlar, E. *Probability and Stochastics*. New York: Springer, 2011. Print.

Topics: Measurable spaces and functions, image measures, indefinite integrals and density functions, absolutely continuous measures and Radon-Nikodym derivative, transition kernels and product spaces, probability spaces and random variables, joint and marginal distributions, independencies, expectations, L^p-spaces and uniform integrability, almost-sure convergence, convergence in probability, convergence in L^p, weak convergence, laws of large numbers, convergence of series, central limits, conditional expectations, conditional probabilities and distributions, conditional independence

MATH 899 Independent Study

Fall Semester 2019
Reading of research preprints/articles and textbook material relevant to thesis research.
Grade: A
Supervisor: Tao He
Articles Read:

1. He, Zhong, Cui, Mandrekar. "Tests for Nonparametric Functions of High-Dimensional or Functional Covariates in RKHS with Kernel Selection and Regularization." Statistica Sinica (accepted).
2. He T, Li S, Zhong P-S and Cui Y (2019) An optimal kernel-based U-statistic method for quantitative gene-set association analysis. Genet Epidemiol. 2018;1-13. doi: 10.1002/gepi.22170
3. Maity A, Sullivan P.F., Tzeng J-Y (2012) Multivariate Phenotype Association Analysis by Marker-Set Kernel Machine Regression. Genet Epidemiol. 2012 November ; 36(7): 686-695. doi: 10.1002/gepi.21663

Textbooks:

1. *Real Analysis: Measure Theory, Integration, & Hilbert Spaces* by Elias M. Stein & Rami Shakarchi (Chapter 4: Introduction to Hilbert Spaces)
2. *Asymptotic Methods in Analysis* by N.G. De Bruijn (Chapter 1: Introduction to Asymptotics)

Topics: Hilbert space definition, properties of Hilbert Space orthonormal bases, Parseval's identity, Bessel's inequality; O-notation, o-notation, asymptotic equivalence

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2. Courses Taken at San Francisco State University

Aug 2017 - Dec 2019
The following courses were taken at San Francisco State University while enrolled in the mathematics MA program. All courses were taken at the graduate level unless otherwise indicated.

MATH 710 Analysis I

Fall Semester 2019
Grade: A
Instructor: Chun-Kit Lai
Textbooks: *Real Analysis: Measure Theory, Integration, & Hilbert Spaces* by Elias M. Stein & Rami Shakarchi
Topics: Measure theory and Lebesgue integration theory: sigma-algebras, outer measures, measures, measurable functions, integration, convergence, differentiation, functions of bounded variation, abstract measure spaces, Carathéodory measurability

MATH 741 Probability and Statistics II

Spring Semester 2019
Paired graduate/undergraduate course in mathematical statistics.
Grade: A
Instructor: Mohammad Kafai
Textbooks: *Mathematical Statistics and Its Applications* by Richard J. Larsen and Morris L. Marx
Topics: Maximum likelihood and method of moments estimation, properties of estimators (bias, efficiency, sufficiency, consistency), derivation of sampling distributions (chi-squared, F-distribution, Student's t), hypothesis testing, confidence intervals, type I and II errors, power curves, one- and two-sample parametric inference on population means/variances, types of data, goodness-of-fit, contingency tables

MATH 448 Introduction to Statistical Learning and Data Mining

Spring Semester 2019
Undergraduate
Grade: A
Semester Project: *Inference on Pitch-type Decision in Baseball Using Random Forests*
Instructor: Tao He
Textbooks: *An Introduction to Statistical Learning* by Gareth James, Daniela Witten, Trevor Hastie and Robert Tibshirani
Topics: Bias-variance decomposition. Supervised and unsupervised learning; regression, classification and clustering; resampling methods; variable selection; model validation and regularization; dimension reduction. Linear regression, logistic regression, linear/quadratic discriminant analysis, K-nearest neighbors, principal components regression and partial least squares, polynomial regression, basis functions and generalized additive models, regression splines and smoothing splines, support vector machines, decision trees, random forests, bagging, boosting; cross-validation, bootstrap, subset selection, shrinkage methods (ridge and lasso); statistical computing in *R*

MATH 380 Introduction to Complex Analysis

Spring Semester 2019
Undergraduate
Grade: A
Instructor: Chun-Kit Lai
Textbooks: *Complex Variables and Applications*, James Ward Brown and Ruel V. Churchill
Topics: Functions of a complex variable, analytic functions, contour integrals, power series, Cauchy-Riemann Equations, Cauchy's Theorem, Cauchy-Integral Formula, Cauchy's Inequality, Taylor's Theorem, Louiville's Theorem, maximum modulus principle, Laurent series, singularities, Residue Theorem with applications to definite and improper integrals, conformal mappings

MATH 430 Optimization

Fall Semester 2018
Undergraduate
Grade: A
Instructor: Matthias Beck
Textbooks: *Linear Optimization* by Dimitris Bertsimas and John N. Tsitsiklis
Topics: Piecewise linear convexity, polyhedra and convex sets, basic feasible solutions, degeneracy, existence and optimality of extreme points, simplex method and column geometry, duality theory, Farkas' lemma, sensitivity analysis, network flows, flows on graphs, shortest path, traveling salesman, minimum spanning trees and greedy algorithm, integer programming, cutting plane, Gomory algorithm, branch and bound

MATH 442 Probability Models

Fall Semester 2018
Undergraduate
Grade: A
Instructor: Alexandra Piryatinska
Textbooks:

1. *Probability Models* by Sheldon Ross
2. *Essentials of Stochastic Processes* by Richard Durrett

Topics: Conditional variance; computing probabilities, expectations and variances by conditioning; compound random variables; stochastic processes; Markov chains, initial distributions, classification of states, commutativity, Chapman-Kolmogorov equations, long-run proportions and limiting probabilities, irreducibility, periodicity, ergodicity, exit time, Gambler's ruin, mean time spent in transient states, time-reversible Markov chains, continuous Markov processes; branching processes; compound and nonhomogeneous Poisson processes; renewal theory; queueing theory, waiting times and exponential distribution; memorylessness; Monte Carlo inverse transform, Monte Carlo integration, Markov Chain Monte Carlo methods, Hastings-Metropolis algorithm, Gibbs sampler

MATH 770 Real Analysis II

Spring Semester 2018
Paired graduate/undergraduate course
Grade: A
Instructor: Sheldon Axler
Textbooks: *Introduction to Analysis* by William Wade
Topics: Infinite series of real numbers: convergence, Cauchy sequences and absolute convergence; infinite sequences and series of functions: uniform convergence of sequences and series, uniform Cauchy criterion, power series, analytic functions; Euclidean and metric spaces: topology of R^n, convergence in R^n, abstract metric spaces, Heine-Borel Theorem, interior, closure, boundary, continuous functions, connectedness, path-connectedness, compactness, Stone-Weierstrass Theorem.

MATH 850 Algebra

Spring Semester 2018
Grade: A
Instructor: Emily Clader
Textbooks: No required textbook; references included *Abstract Algebra* by D.S. Dummit and R.S. Foote, and *An Invitation to Algebraic Geometry* by Karen Smith, et al.
Topics: Commutative Algebra and Algebraic Geometry, polynomial rings, ideals, quotients, pullback homomorphisms, modules, *k*-algebras, affine and projective varieties, morphisms, Nullstellensatz, tensor products and exterior products of modules.

MATH 725 Advanced Linear Algebra

Fall Semester 2017
Grade: A
Instructor: Serkan Hosten
Textbooks: *Linear Algebra Done Right* by Sheldon Axler
Topics: Real and complex vector spaces, direct sums, linear maps, rank factorization, change of basis and similarity, product and quotient maps, dual spaces and dual maps, alternating multilinear functions and determinant functions, nilpotent operators and Jordan canonical form, invariant subspaces, eigenvalues and eigenvectors, triangularizability, diagonalizability, characteristic and minimal polynomial, Cayley-Hamilton theorem, primary decomposition theorem, real and complex inner product spaces, Gram-Schmidt algorithm, QR factorization, Riesz representation theorem, self-adjoint and normal operators, finite-dimensional spectral theorem, isometries and unitary operators, singular value decomposition

MATH 440 Probability and Statistics I (Undergraduate)

Fall Semester 2017
Grade: A
Instructor: Alexandra Piryatinska
Textbooks: *Mathematical Statistics and Its Applications* by Richard J. Larsen and Morris L. Marx
Topics: Set theory and elementary probability; conditional probability and Bayes' Theorem; independence; combinatorics and combinatorial probability; discrete and continuous random variables; probability density and cumulative distribution; functions of random variables; expected value, median, variance, higher moments; joint and marginal density; transforming and combining random variables; independence of random variables; conditional density; order statistics; moment-generating functions; common distributions (Bernoulli, binomial, inverse binomial, geometric, hypergeometric, Poisson, normal, exponential, gamma)

MATH 735 Modern Algebra II

Fall Semester 2017
Grade: A
Instructor: Emily Clader
Textbooks: *Contemporary Abstract Algebra*, 8th ed. by Joseph Gallian
Topics: Review of group theory, cosets, quotient groups, group actions, conjugacy classes. Rings, commutative rings, quotient rings, integral domains, irreducible polynomials, prime ideals, and unique factorization domains. Modules, vector spaces, free modules, and finitely generated modules over PIDs. Field extensions, splitting fields, minimal polynomials and finite fields.

MATH 700 Graduate Teaching Workshop

Fall Semester 2017
Grade: A
Instructors: Kim Seashore and Judy Kysh
Textbooks: No textbook
Topics: Discussion and analysis of teaching techniques, peer classroom observations, guided group and self analysis of videotapes and group projects developing and studying common lesson materials.

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3. Courses Taken at Sonoma State University

Aug 2016 - May 2017
The following courses were taken at the undergraduate level at Sonoma State University, through the School of Extended and International Education's open enrollment policy, in order to complete prerequisites prior to applying to the mathematics MA program at San Francisco State University.

MATH 340 Real Analysis I

Spring Semester Semester 2017
Grade: A
Instructor: Elaine Newton
Textbooks: *Introduction to Analysis* by Edward D. Gaughan
Topics: Real number axioms and properties, sequence convergence, Cauchy sequences, Bolzano-Weierstrass theorem, limits of functions, continuity, uniform continuity, Heine-Borel theorem, intermediate value theorem, differentiability, Rolle's theorem, mean value theorem, Riemann integrability

MATH 306 Number Theory

Spring Semester Semester 2017
Grade: A
Instructor: Izabela Kanaana

Textbooks: *A Friendly Introduction To Number Theory* by Joseph H. Silverman
Topics: Pythagorean triples theorem, Euclidean algorithm, prime divisibility property, Fundamental theorem of arithmetic, linear congruences, Fermat's little theorem, Euler's formula, Euler's totient function, Chinese remainder theorem, existence of infinitely many primes, prime number theorem, Mersenne primes, Euclid's perfect number theorem, sigma (divisor) function, modular roots, primitive roots, quadratic residues, Euler's criterion, law of quadratic reciprocity

MATH 320 Modern Algebra I

Fall Semester 2016
Grade: A
Instructor: Izabela Kanaana
Textbooks: *Contemporary Abstract Algebra*, 8th ed. by Joseph Gallian
Topics: Groups, cyclic groups, symmetric groups, isomorphisms, Cayley's Theorem, automorphisms, cosets and Lagrange's Theorem, normal subgroups and factor groups, homomorphisms, First Isomorphism Theorem, external direct products and Fundamental Theorem of Finite Abelian Groups, rings, integral domains, fields, ideals, principal ideals, prime and maximal ideals

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4. Courses Taken at Santa Rosa Junior College

Jan 2016 - May 2016
The following courses were taken at the undergraduate level at Santa Rosa Junior College in order to complete prerequisites for applying to the mathematics MA program at San Francisco State University. Santa Rosa Junior College holds articulation agreements treating these as equivalent to their upper-division undergraduate counterparts at both the University of California and California State University.

MATH 6 Mathematical Proofs and Reasoning

Spring Semester Semester 2016
Grade: A
Instructor: Dean Gooch
Textbooks: *Mathematical Proofs: A Transition to Advanced Mathematics*, 3rd ed. by Gary Chartrand, Albert D. Polimeni, and Ping Zhang
Topics: Sets, logic, quantified statements, direct proof and contrapositive, existence and proof by contradiction, weak and strong mathematical induction, equivalence relations, modular congruence, functions, injectivity, surjectivity, bijectivity, function composition and inverse, permutations, cardinalities of sets

MATH 5 Linear Algebra

Spring Semester Semester 2016
Grade: A
Instructor: Tom Falbo

Textbooks: *Elementary Linear Algebra with Supplemental Applications*, 11th ed. by Howard Anton and Chris Rorres

Topics: Gaussian elimination; diagonal, triangular and symmetric matrices; determinants; Cramer's rule; row space, column space and rank; Euclidean inner product and orthogonal projection; real vector spaces; subspaces, span, linear independence and bases; change of basis; eigenvalues, eigenvectors and eigenspaces; inner product spaces

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5. Courses Taken at the University of California, Santa Cruz

Sep 2008 - June 2010

The following courses were taken at the undergraduate level at the University of California Santa Cruz toward completion of a Bachelor of Arts in Economics.

ECON 114, Advanced Quantitative Methods

Spring Quarter, 2009

Grade: A-

Instructor: Kuntal Kumar Das

Textbooks: *Introductory Econometrics: A Modern Approach,* 4th ed. by Jeffrey M. Wooldridge

Topics: Concepts from probability theory (skewness and kurtosis; joint, marginal and conditional distributions; conditional expectation and variance; independence; central limit theorem), concepts from mathematical statistics (chi-squared, Student's t and F distributions; estimator unbiasedness, efficiency and consistency; type I and type II errors), multiple linear regression, OLS estimators and their finite-sample and asymptotic properties, OLS standard errors, generalized linear models, heteroskedasticity tests (Breusch-Pagan, Goldfeld-Quandt, White) and corrections (robust SEs, weighted least squares, generalized least squares), instrumental variable regression, overidentification tests (Hansen J and Sargan), Durbin-Wu-Hausman test, two-stage and indirect least squares, methods for time series and panel data (pooled regression, differencing, least squares dummy variables, fixed and random effects estimation), MLE estimators for logistic regression and Probit regression, Tobit regression, discrete choice models, applications in the Stata statistical software package

ECON 113, Introductory Econometrics

Winter Quarter, 2008

Grade: A+

Instructor: Alan Spearot

Textbooks: *Introductory Econometrics: A Modern Approach,* 4th ed. by Jeffrey M. Wooldridge

Topics: Properties of mean and variance, conditional probability, covariance and correlation, random variables, uniform, normal and standard normal distributions,

simple linear regression, OLS and method-of-moments estimators for simple linear regression, heteroskedasticity, multiple linear regression, variance of OLS coefficient estimates under homoskedasticity, confidence intervals, hypothesis tests, t-tests, P-values, prediction and inference in regression analysis, full-exclusionary and general restriction F-tests for significance of OLS coefficients, dummy variables, generalized additive models (squared and interaction terms), standardizing variables, adjusted R-squared, model selection, Breusch-Pagan test for heteroskedasticity, discrete dependent variables, Probit and Logit models, endogeneity and omitted variable bias, panel data and differencing, instrumental variables, applications in the Stata statistical software package

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6. Courses Taken at Santa Rosa Junior College

Spring 2006 - Spring 2008

The following courses were taken at the undergraduate level at Santa Rosa Junior College as part of transferable lower-division coursework used to apply to University of California Santa Cruz as a junior transfer student in the Economics BA program.

MATH 2A, Calculus III

Spring Semester 2008
Grade: A
Instructor: George Sturr
Textbooks: *Calculus*, 5th ed. by James Stewart

MATH 1B, Calculus II

Fall Semester 2007
Grade: A
Instructor: George Sturr
Textbooks: *Calculus*, 5th ed. by James Stewart

MATH 15, Elementary Statistics

Fall Semester 2007
Grade: A
Instructor: Michael Eurgubian
Textbooks: *Understandable Statistics*, 8th ed. by Charles Henry Brase and Corrine Pellillo Brase

MATH 1A, Calculus I

Spring Semester 2007
Grade: A
Instructor: Michael Eurgubian
Textbooks: *Calculus*, 5th ed. by James Stewart