

36-148/36-149 Freshman Seminars

Offered: Fall, Spring

Prerequisites: None

Notes: Freshman ONLY. Typically capped at 17 and all registration issues are handled by the HSS Undergraduate Advising Office (Debby Gerhardt).

36-201 Reasoning/Practice (DECIDING)

Offered: Fall, Spring and Summer

Prerequisites: None

Notes: having issues with waitlist; students should register asap

36-202 Stat Methods (MODELING)

Offered: Spring, Summer

Prerequisites: 36-201 or 36-207 or 36-220 or 36-247 or 70-207

Notes: can't get credit if have taken 208, 309, 401 (prior to 202), 70-208, 88-250

36-207 Business Prob/Stat

Offered: Fall only

Prerequisites: 21-112 or 21-116 or 21-120 or 21-121

Notes: can't get credit if have taken 201, 220, 247, 625

36-208 Intro Regression

Offered: Spring only

Prerequisites: (21-120 or 21-121 or 21-112) AND (36-207 or 70-207 or 36-201 or 36-220 or 36-247)

Notes: can't get credit if have taken 202 or 401 (prior to 208)

36-217 Prob Theory/Random Processes

Offered: Fall, Spring and Summer

Prerequisites: one of 21-112, 21-122, 21-123, 21-256, 21-259

Notes: can't get credit if have taken 225, 625; need at least C to move to 226/401

36-220 Engineering Statistics (DECIDING)

Offered: Fall, Spring and Summer

Prerequisites: one of 21-112, 21-120, 21-121

Notes: can't get credit if have taken 201, 207, 226, 247, 70-207 (except got AP credit for 201)

36-225 Prob Theory

Offered: Fall, Summer

Prerequisites: 21-256 or 21-259

Notes: must have a C to move on to 226 and 410; can't get credit if have taken 217, 625; the math pre-req may mean a summer course for those trying to take 225 their soph year

36-226 Stat Theory

Offered: Spring, Summer

Prerequisites: one of 15-359, 21-325, 36-217, 36-225

Notes: must have a C to move on to 401, 46x

36-247 Stat for Lab Sciences (DECIDING)

Offered: Spring only

Prerequisites: one of 21-112, 21-120, 21-121

Notes: can't get credit if have taken 201, 207, 220, 226, 70-207; co-occurs with 220

36-303 Sampling/Survey (DECIDING) Offered: Spring only
Prerequisites: one of 36-202, 36-208, 36-226, 36-309, 36-625, 70-208, 73-261, 88-250
Notes: push for advanced sophomores, mostly juniors (better to have had 225/226)

36-309 Experimental Design Offered: Fall, Summer
Prerequisites: 36-201 or 36-207 or 36-217 or 36-220 or 36-247
Notes: can't get credit if have taken 202; no longer being counted as stat 300 elective

36-315 Graphics/Visualization (CREATING) Offered: Spring only
Prerequisites: one of 36-202, 36-208, 36-226, 36-303, 36-309, 36-625, 88-250
Notes: Push for sophomores/juniors prior to taking 401

36-350 Statistical Computing Offered: Fall only
Prerequisites: (36-202 or 36-208) and Computing @ Carnegie Mellon
Notes: push for sophomores/juniors prior to Special Topics

36-401 Regression Offered: Fall only
Prerequisites: 36-226 or 36-310 or 36-625 or 73-407, (21-240 or 21-241): MA co-req ONLY FALL 2011
Notes: theoretically, need permission for those who have taken 73-363 (which is clearly not true for Econ-Stat majors). Grade of C required to move on to 36-402 or any 36-46x

36-402 Advanced Data Analysis Offered: Spring only
Prerequisites: 36-401 (C or better)

36-410 Probability Modeling Offered: Spring only
Prerequisites: one of 21-325, 36-217, 36-225, 36-625

36-46x Special Topics Offered: Fall, Spring
Prerequisites: 36-401 (C or better); Permission of instructor is required for seniors who cannot take it in the spring and want to co-req with 401 in the fall.
Notes: Students should have a programming background for most special topics.

36-490 Undergraduate Research Offered: Spring Only
Prerequisites: 36-401
Corequisite: 36-402
Notes: entry by application only; for juniors and seniors; seniors could technically take twice but will then be under independent study 495 (probably want to push a senior to take a more advanced course if they already had 490 as a junior – or an elective; try to push for seniors (or advanced juniors)

36-295/495 Independent Study Offered: Fall, Spring

Other courses:

Possible Intro Calculus sequences:

1) 21-111 Calc 1 then 21-112 Calc 2 (for H&SS only) Offered: Fall, Spring, Summer
Prereqs: none; 21-111
Notes: 21-111 and 21-112 together substitute for 21-120

2) 21-120 Differential/Integral Calculus Offered: Fall, Spring, Summer
Prereqs: none

21-122 Integration/Diff Eq/Approximation (for Econ-Stat) Offered: Fall, Spring, Summer
Prereqs: 21-112 or 21-120 or 21-121

21-256 (or 259) Multivariate Analysis (or Calculus in 3D) Offered: Fall, Spring, Summer
Econ-Stat takes 21-259
Prerequisites: 21-120 (21-120 or 21-121)
Notes: required for 225/226

21-240 Matrix w/Applications or 21-241 Matrix Algebra Offered: Fall, Spring, Summer
Prerequisites: None; (21-127 recommended)
Notes: No Pass/Fail; is a prerequisite for 401; students can take it elsewhere in the summer with approval from the math dept

For Econ-Stat:

15-110 Programming (no longer required) Offered: Fall, Spring and Summer
Prerequisites: None
Notes: No comparable CS equivalent at this time. Cannot take P/F (for Econ-Stat), but not required for students graduating summer 2012 or later. Students returning from military leave need a closer look.

73-270 Writing for Economists Offered: Fall, Spring
Prerequisites: 73-240, 76-101
Notes: the 73-240 pre-req is the important one for them
76-270 Writing for the Professions also accepted (Carol's call).

73-100 Principles: Need before anything else; take early

73-230 Intermediate Micro: pre-req for **73-252 Advanced Micro**

73-240 Intermediate Macro; pre-req for **73-253 Advanced Macro**

The intermediate courses are semesters; the advanced are minis (offered fall, spring)

73-363 Econometrics (very similar to Modern Regression, offered fall, spring)