



RESEARCH METHODS AND STATISTICS (6 HOURS)

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|---|---|
| ADV 309R - Introduction to Advertising and Public Relations Research | SDS 304 - Statistics in Health Care |
| ANT 324L 56 - Ethnographic Writing | SDS 305 - Statistics in Policy Design |
| AFR 302M - Numbering Race | SDS 306 - Statistics in Market Analysis |
| CMS 316L - Interviewing Principles and Practices | SDS 321 - Introduction to Probability and Statistics |
| ECO 329 - Economic Statistics | SDS 323 - Statistical Learning and Inference |
| EDC 319 - Qualitative Inquiry/Education for Social Change | SDS 328M - Biostatistics |
| EDP 308 - Statistical Reasoning/Literacy | STA 309 - Elementary Business Statistics |
| EDP 371 - Introduction to Statistics | SOC 317L - Introduction to Social Statistics |
| HDF 315L - Research Methods in Human Development/Family Science | SOC 317M - Introduction to Social Research |
| PSY 418 - Statistics & Research Design | S W 313 - Social Work Research Methods |
| SDS 301 - Elementary Statistical Methods | S W 318 - Social Work Statistics |
| SDS 302 - Data Analysis for the Health Sciences | WGS 356 - Intro to Feminist Research Method |
| SDS 303 - Statistics in Experimental Research | |

ETHICAL FOUNDATIONS FOR INFORMATICS OR EQUIVALENT (3 HOURS)

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| I 303 - Ethical Foundations for Informatics | J 352F - Ethics in Journalism |
| CMS 332D - Digital Ethics | PHL 318 - Introduction to Ethics |
| CMS322E - Communication Ethics | |

BEGINNING-LEVEL PROGRAMMING PROFICIENCY (3 HOURS)

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|---|---|
| I 304 - Programming for Informatics | L A 319 - Computer Programming: Liberal Arts |
| C S 303E - Elements of Computers and Programming | MIS 304 - Intro to Problem Solving and Programming |
| J 326C - Intro Coding for Journalists | SDS 322 - Introduction to Scientific Programming |
| LIN 313 - Language and Computers | |

BEGINNING-LEVEL LANGUAGE PROFICIENCY (3 HOURS)

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|---|---|
| American Sign Language (ASL): ASL 601D + 610D | Malayalam: MAL 506 + 507 |
| Arabic: ARA 601C | Norwegian: NOR 604 |
| Bengali: BEN 506 + 507 | Persian: PRS 601C |
| Chinese: CHI 506 + 507, 604 | Polish: POL 506 + 507, 601C |
| Classical Antiquity Latin: LAT 506 + 507, 601C, | Portuguese: POR 601D + 610D, POR 610S |
| Czech: CZ 406 + 407 | Russian: RUS 406+ 407, 601C |
| Danish: DAN 604 | Sanskrit: SAN 506 + 507 |
| Dutch: DCH 604 | Serbian/Croatian: SC 506 + 507, 601C |
| French: FR 601C, FR 406 + 407 | Slavic & Eurasian: SEL 506 + 507, 601C |
| German: GER 506 + 507, 604 | Spanish: SPN 601D + 610D, 604 |
| Greek (Ancient): GK 506 + 507, 804 | Swedish: SWE 604 |
| Greek (Modern): GK 502 + 503, 602C | Tamil: TAM 506 + 507, 604 |
| Hebrew: HEB 601C, 602C | Telugu: TEL 506 + 507, 604 |
| Hindi: HIN 506 + 507, 604 | Turkish: TUR 601C |
| Italian: ITL 601C | Urdu: URD 506 + 507, 604 |
| Japanese: JPN 601D + 610D | Yiddish: YID 604 |
| Korean: KOR 506 + 507, 604 | Yoruba: YOR 601C |
| Latin American Studies Indigenous Lat. Amer. Lang.: LAL 601C | |

ADDITIONAL LIBERAL ARTS COURSEWORK (6 HOURS)

Petitions to count additional courses will be considered during registration and add/drop periods.

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| ADV 324 - Communicating Sustainability | I 320.2 - Children's Literature |
| ADV 378 - Public Comm of Science Tech-WB | IRG - Any course |
| AFR - Any course | ISL - Any course |
| AMS - Any course | ITC - Any course |
| ANT - Any course | J 308D - Data, Privacy, And You |
| AAS - Any course | J 355F - Living in Information Age |
| ANS - Any course | JS - Any course |
| CC - Any course | LAS - Any course |

CL - Any course
CMS 350C - Crowds, Clouds and Community
DES 322 - Design and the Social Environment
E - Any course
ECO - Any course
EUS - Any course
GOV - Any course
GRG 356T - Human Health & the Environment
GRG 356T - Urban Publics
HS - Any course
HIS - Any course
HMN - Any course
IB 320F - Foundations of International Business
IB 372 - Global Entrepreneurship

LIN - Any course
MAS - Any course
MES - Any course
MDV - Any course
M E 379M - Energy, Technology & Policy
MKT 320F - Foundations of Marketing
PHL - Any course
PSY - Any course
REE - Any course
RHE - Any course
RS - Any course
RTF 331N - Information Society: Digital Media -T
SOC - Any course
WGS - Any course

ADDITIONAL SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH COURSEWORK (6 HOURS)

Students may select from the following courses. Any of the research methods, statistics, and programming courses listed in the section above will also count toward the STEM requirement.

CMS 350C - Crowds, Clouds and Community
C S 302 - Computer Fluency
C S 303E - Elements of Computers and Programming
C S 313E - Elements of Software Design
C S 323E - Elements of Scientific Computing
C S 323H - Elements of Scientific Computing: Honors
C S 324E - Elements of Graphics and Visualization
C S 326E - Elements of Networking
C S 327E - Elements of Databases
C S 329E - Advanced Topics in Elements of Computing
C S 329E - Elements of Computing in Society
C S 329E - Elements of Data Analytics
C S 329E - Elements of Data Visualization
C S 329E - Elements of Game Development
C S 329E - Elements of Mobile Computing
C S 329E - Elements of Navigating Cyberspace
C S 329E - Elements of Web Programming
E E 379K - Information Security & Privacy - T

E E 379K - Data Science Laboratory - T
E S 301 - Engineering Design and Problem Solving
GRG 356T - Geoprocessing - T
I 320.1 - Information in Cyberspace
M 301 - College Algebra
M 302 - Introduction to Mathematics
M 303D - Applicable Mathematics
M 403K - Calculus I for Business and Economics
M 305E - Analytic Geometry
M 305G - Preparation for Calculus
M 408C - Differential and Integral Calculus
M 408D - Sequences, Series, and Multivariable Calculus
M 308M, 408M - Multivariable Calculus
M 408K - Differential Calculus
M 408R - Differential and Integral Calculus for the Sciences
MAN 337 - Tech Transfer/Entrepreneurship
MIS 373 - Predictive Analytics & Data Mining - T
SDS 301 - Elementary Statistical Methods