<u>Public Health Concentration Courses</u>: **Biostatistics & Public Health Informatics**

- Approved courses for the 2014-2016, 2016-2018, 2018-2020, 2020-2022 catalogs
- Choose at least 9 hours of coursework to fulfill concentration
- Concentration courses CANNOT satisfy other major requirements
- ALWAYS confirm prerequisites, restrictions, and flags in course schedule
- NOTE: Computer Science courses are difficult to get into
- Grey-courses likely no longer available
- Highlighted= Available in Spring 2024

BIO 321G: Principles of Computational Biology (QR Flag)
- Pre-reqs: BIO 325, SDS 320E or 328M, M 408C, S, or R
- Offered most semesters

SDS 322E: Elements of Data Science
- Pre-reqs: an introductory statistics course

C S 303E: Elements of Computers and Programming (QR Flag)

C S 313E: Elements of Software Design
- Pre-reqs: C S 303E or C S 312

C S 327E: Elements of Databases
- Pre-reqs: C S 313E or C S 314

GRG 460G: Environmental Geographic Information Systems (QR Flag)
- Pre-reqs: Upper-division standing
- Previously GRG 360G

M 408D: Sequences, Series, and Multivariable Calculus
- Pre-reqs: M 408C ,L, or S
- Offered in spring, fall, and summer

M 408S: Integral Calculus for Science (QR Flag)
- Pre-reqs: M 408C, K, N, or M 408R, or M 408Q with a grade of at least a B

M 408M: Multivariable Calculus
- Pre-reqs: M 408L or M 408S

M 340L: Matrices and Matrix Calculations
- Pre-reqs: M 408C, K, or N with a grade of at least C-

M 358K: Applied Statistics
- Pre-reqs: M 362K with a grade of at least C-

M 362K: Probability I
- Pre-reqs: M 408D, M 408L, or M 408S

M 362M: Introduction to Stochastic Processes (QR Flag)
- Pre-reqs: M 362K with a grade of at least B and M 340L or M 341 with grade of at least C-

M 378K: Introduction to Mathematical Statistics
- Pre-reqs: M 362K with grade of at least C-

PBH 337: Diverse Communities & Health Equity
- Pre-reqs: upper division standing

PBH 337: Maternal and Child Health
- Pre-reqs: upper division standing

PBH 341R: Public Health Research
- Students conduct public health research, mentored by professionals at public health practice agencies or faculty at graduate schools or public health throughout Texas
- Pre-Reqs: BIO 325 or BIO 325H with a grade of at least C-
- Application required

PBH 363: Project Management, Planning, and Evaluation
- Pre-reqs: PBH 354, SDS 320E (or SDS 328M), and upper division standing

PBH 362: Epidemiology II
- Pre-reqs: PBH 354, SDS 320E (or SDS 328M), and upper division standing

PBH 364: Field Epidemiology
- Pre-reqs: Following with a grade of at least a C- in each: PBH 354, SDS 320E (or SDS 328M), and upper division standing

PBH 366: Global Health in Action
- Pre-reqs: Following with a grade of at least a C- in each: PBH 354, and SDS 320E (or SDS 328M, upper division standing

PBH 367: Emerging & Re-Emerging Infectious Diseases
- Pre-reqs: PBH 354 and upper division standing

Questions? Please contact:
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