

PROPOSED CHANGES TO THE BS IN PUBLIC HEALTH IN THE COLLEGE OF NATURAL SCIENCES SECTION IN THE *UNDERGRADUATE CATALOG 2018-2020*

Type of Change¹ Academic Change
 Degree Program Change (THECB² form required)

Proposed classification³ Exclusive General Major

1. IF THE ANSWER TO ANY OF THE FOLLOWING QUESTIONS IS YES, THE COLLEGE MUST CONSULT LINDA DICKENS, DIRECTOR OF ACCREDITATION AND ASSESSMENT, TO DETERMINE IF SACSCOC APPROVAL IS REQUIRED.

- Is this a new degree program? Yes No
- Is this program being deleted? Yes No
- Does the program offer courses that will be taught off campus? Yes No
- Will courses in this program be delivered electronically? Yes No

2. EXPLAIN CHANGE TO DEGREE PROGRAM AND GIVE A DETAILED RATIONALE FOR EACH INDIVIDUAL CHANGE:

Prescribed Work Common to All Options

Foundation courses, 1c: Addition of NTR 112L

Reason: NTR 312 will require credit or registration for NTR 112L beginning Fall 2017.

Change common to Options I and III

Add M 408R as a choice of calculus course.

Reason: M 408R was developed by the Department of Mathematics for majors in which students need minimal exposure to calculus.

Option I, Public Health

Requirement 9c: Remove HS 330

Reason: The course contains a restrictive statement that only 1 of the following count: HS 330, PBH 358D, and SOC 358D. PHB 358D is a required course for this degree.

Requirement 9c: Update restriction statements following 9c.

Reason: The addition of a requirement to the 2016-18 catalog changed the numbering but this was not caught in the 2016-18 catalog. This is a correction.

Requirement 9d: Remove BIO 347; change BIO 160L to 260L

Reason: BIO 347 instructor retired, and department is unsure when the course will be taught in the future. Department increased credit hours of Immunology lab from 1 to 2 hours.

Requirement 9f: Remove HED 370K, Topic 2; add HED 360.

Reason: The College of Education created a stand-alone course number for HED 370K, Topic 2 (HED 360).

Requirement 9f: Remove PHR 350K

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Reason: The course was dropped by the College of Pharmacy in Fall 2016.

Option II, Public Health Honors

Change 6 hours from Fine Arts or Liberal Arts to 6 hours from Fine Arts and Liberal Arts.

Reason: In practice, the Dean's Scholars Program allows students to take 6 hours from a single college or a mixture of 6 hours from both colleges. The change will synch catalog copy to advising practice and eliminate the need for petitions.

Additional Requirements for Option II

Standardize language regarding requirements to graduate with Dean's Scholars degree options.

Reason: Since the honors options were added at different times as new BS degrees were created, language began to differentiate between degrees. The Dean's Scholars steering committee voted to establish standard language for all of its options.

3. THIS PROPOSAL INVOLVES (Please check all that apply)

- | | | |
|--|--|---|
| <input checked="" type="checkbox"/> Courses in other colleges | <input type="checkbox"/> Courses in proposer's college that are frequently taken by students in other colleges | <input type="checkbox"/> Flags |
| <input type="checkbox"/> Course in the core curriculum | <input type="checkbox"/> Change in course sequencing for an existing program | <input type="checkbox"/> Courses that have to be added to the inventory |
| <input type="checkbox"/> Change in admission requirements (external or internal) | <input type="checkbox"/> Requirements not explicit in the catalog language (e.g., lists of acceptable courses maintained by department office) | |

4. SCOPE OF PROPOSED CHANGE

- a. Does this proposal impact other colleges/schools? Yes No

If yes, then how would you do so? It would appear this answer is yes. However, see the notes below regarding each change.

Note: These changes do not seem to require permission from impacted colleges.

- 1) Removal of HS 330 - duplicates required class PBH 358D.
- 2) Dropping HED 370K, Topic 2 (Adolescent Health Risk Behavior) and adding HED 360 (Adolescent Health Risk Behavior) is a change in course number, not an addition to the requirements. The College of Education changed the course number effective Fall 2016.
- 3) Removal of PHR 350K - retired from the course inventory effective Fall 2016.

The original legislation stated that Dean's Scholars must choose 6 hours from either the College of Liberal Arts (COLA) or the College of Fine Arts (COFA). In practice, students are allowed to count 6 hours from one of the colleges, or a mixture from the colleges. This change will eliminate the need for petitions in situations where students choose to take a mixture of COLA and COFA coursework. In a constant state, the Dean's Scholars Program has approximately 200 majors.

There is no way to predict how this change will impact the College of Fine Arts and the College of Liberal Arts. Specific courses are not prescribed and the change is to match catalog language to current advising practice. Making an estimate, perhaps 10 seats per year distributed across all courses in both colleges may be impacted. Because the number of seats across both colleges is estimated to be so small, the College of Fine Arts and the College of Liberal Arts were not formally consulted for permission to make this change.

- b. Do you anticipate a net change in the number of students in your college? Yes No

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- If yes, how many more (or fewer) students do you expect?
- c. Do you anticipate a net increase (or decrease) in the number of students from outside of your college taking classes in your college? Yes No
- If yes, please indicate the number of students and/or class seats involved.
- d. Do you anticipate a net increase (or decrease) in the number of students from your college taking courses in other colleges? Yes No
- If yes, please indicate the number of students and/or class seats involved.

If 4 a, b, c, or d was answered with yes, please answer the following questions. If the proposal has potential budgetary impacts for another college/school, such as requiring new sections or a non-negligible increase in the number of seats offered, at least one contact must be at the college-level.

How many students do you expect to be impacted?

Impacted schools must be contacted and their response(s) included:

Person communicated with:

Date of communication:

Response:

- e. Does this proposal involve changes to the core curriculum or other basic education requirements (42-hour core, signature courses, flags)? If yes, explain:

If yes, undergraduate studies must be informed of the proposed changes and their response included:

Person communicated with:

Date of communication:

Response:

- f. Will this proposal change the number of hours required for degree completion?

Note: THECB Semester Credit Hour Change Form required, download from URL:

<http://www.thecb.state.tx.us/reports/DocFetch.cfm?DocID=2419&format=doc>

If yes, explain:

5. COLLEGE/SCHOOL APPROVAL PROCESS

| | | | |
|------------------------|---------------|-------------------|---|
| Program approval date: | May 2, 2017 | Approved by whom: | Leanne Field, Program Director |
| School approval date: | June 14, 2017 | Approved by whom: | Deborah Jacobvitz, SoHE Director |
| College approval date: | Sept 13, 2017 | Approved by whom: | Course & Curriculum Committee |
| Dean approval date: | Sept 13, 2017 | Approved by whom: | David Vanden Bout, Associate Dean for Undergraduate Education |

PROPOSED NEW CATALOG TEXT:

Bachelor of Science in Public Health

[no change]

Prescribed Work Common to All Options

In the process of fulfilling degree requirements, all students must complete:

- Foundation courses:
 - Public health: Public Health 317
 - Microbiology: Biology 326M and 226L
 - Nutrition and physiology: Nutrition 312 or 312H, 112L, and Biology 365S
 - Social and behavioral sciences: One of the following: Economics 304K, 304L, Psychology 301, Sociology 319, 354K
 - Political science/government: Government 358 or Management 320F
- Public health core*:

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- a. Biostatistics: Statistics and Data Sciences 328M
 - b. Environmental health sciences: Public Health 338
 - c. Epidemiology: Public Health 354
 - d. Global health: Public Health 334
 - e. Health policy and health systems: Public Health 358D
 - f. Health behavior theory and practice: Public Health 368D
3. Core curriculum
 4. Skills and experience flags:
 - a. Writing: two flagged courses beyond Rhetoric and Writing 306 or its equivalent, including one at the upper-division level
 - b. Quantitative reasoning: one flagged course
 - c. Global cultures: one flagged course
 - d. Cultural diversity in the United States: one flagged course
 - e. Ethics and leadership: one flagged course
 - f. Independent inquiry: one flagged course

Courses that may be used to fulfill flag requirements are identified in the *Course Schedule*. They may be used simultaneously to fulfill other requirements, unless otherwise specified. Please note, students may not earn the cultural diversity in the United States and the global cultures flag from the same course. Students are encouraged to discuss options with their academic advisers.

5. At least 21 semester hours of upper-division coursework must be completed in residence at the University. All students must complete at least 36 semester hours of upper-division coursework.

Additional Prescribed Work for Each Option

Option I: Public Health

6. Mathematics 408C, ~~or~~ 408N, or 408R.
7. Biology 311C, 311D, and 325 or Biology 315H and 325H. These courses must be completed before the student progresses to other upper-division biology and upper-division public health courses.
8. Chemistry 301 or 301H, 302 or 302H, 204, 320M, and Biochemistry 369.
9. At least nine hours from one of the following areas of specialization; courses counted toward requirement 1 may not be used to fulfill this requirement.
 - a. Biostatistics and public health informatics: Biology 321G, Computer Science 303E, 313E, 327E, Geography 360G, Mathematics 408D, 408M, 408S, 340L, 358K, 362K, 362M, 378K, Public Health 320, 323, 341R, Statistics and Data Sciences 332.
 - b. Environmental health sciences: Biology 373, 373L, 375, Civil Engineering 341, 342, 346, 369L, Geological Sciences 302C, 346C, 476K, 476M, Geography 307C, 334C, 339K, 344K, 357, 360G, Marine Science 307, 320, 354Q, Public Health 341R, Urban Studies 315.
 - c. Health policy and management: Economics 304K, 304L, Government 357M (Topic 3: *Supreme Court and Public Policy*; Topic 4: *Civil Liberties*; Topic 7: *Constitutional Structure of Power*; Topic 8: *Structure of Individual Liberties*), 358, 360N (Topic 10: *Introduction to International Relations*), 370L (Topic 23: *Politics of Health Care*), Health and Society 320, ~~330~~; Human Development and Family Sciences 362, Management 320F, Philosophy 325L or 325M, 347, Public Affairs 325 (Topic 1: *Advanced Seminar in Ethical Leadership*), Public Health 341R, Sociology 354K.

Economics 304K and 304L may not count toward both requirement 1d and requirement ~~8e~~ 9c. Government 358 may not count toward both requirement 1e and requirement ~~8e~~ 9c. Management 320F may not count toward both requirement 1e and requirement ~~8e~~ 9c. Sociology 354K may not count toward both requirement 1d and ~~8e~~ 9c.

- d. Infectious diseases and public health microbiology: Biology 330, 230L, 336, ~~347 or~~ 360K, 260L, ~~460L~~, 361, 361L, Public Health 341R, 361P.

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- e. Nutrition: Nutrition 312R, 315, 321, 331, 337, 338W or 338H, 342, 365 (Topic 1: *Vitamins and Minerals*; Topic 4: *Obesity and Metabolic Health*), Public Health 341R.
 - f. Social and behavioral sciences: Only one advertising, communication, or public relations course may be counted: Advertising 305, 319, 334, 378, Communication Studies 306M, 315M, 332, 332K, 355K, Health Education 329K, 335, 352K (Topic 1: *Foundations of Health Promotion I*; Topic 2: *Adolescent Health Risk Behavior*), 371K, 373, Health and Society 301, 320, Marketing 320F, ~~Pharmacy PharmD 350K~~, Public Health 341R, Public Relations 305, Social Work 310, Sociology 319, 322F, 329, 336D, 354K, 369K

Sociology 319 and 354K may not count toward both requirement 1d and requirement 8f.
10. One of the following foreign language/culture choices:
 - a. Beginning level proficiency coursework, or the equivalent, in a foreign language
 - b. First course in a foreign language and a three-semester-hour course in the culture of the same language area
 - c. Two three-semester-hour courses in one foreign culture area; the courses must be chosen from an approved list available in the dean's office and the college advising centers
 11. Enough additional coursework to make a total of 120 semester hours

Option II: Public Health Honors

6. Breadth requirement: An honors mathematics course; Biology 315H and 325H; Chemistry 301H and 302H; credit by examination may not count toward this requirement
7. In fulfilling requirement 2a, students must complete an honors statistics course
8. Chemistry 204, 320M, and Biochemistry 369
9. A section of Undergraduate Studies 302 or 303 that is approved by the program honors adviser
10. A section of Rhetoric and Writing 309S that is restricted to students in the Dean's Scholars Honors Program
11. Two semesters of Public Health 379H
12. Nine additional hours of coursework approved by the departmental honors adviser
13. Six semester hours of coursework ~~in~~ from the College of Liberal Arts ~~or~~ and/or the College of Fine Arts
14. Enough additional coursework to make a total of 120 semester hours

Option III: Advanced Program

This program provides students with a foundation in the natural sciences applied to public health and advanced specialist training in preparation for a leadership position in public health practice. This program leads to the completion of the Bachelor of Science in Public Health and the Master of Public Health, awarded by the School of Public Health at the University of Texas Health Sciences Center at Houston. During the senior year, students complete the first year of the Master of Public Health at the Austin Regional Campus. The second year of the Master of Public Health is completed at one of the five regional campuses in Austin, Brownsville, Dallas, El Paso, Houston, and San Antonio. Upon completion of the first year of the Master of Public Health, coursework may be applied toward Option III requirements. Option III students may apply to graduate upon completion of the undergraduate degree requirements and prior to the completion of the Master of Public Health.

6. Mathematics 408C, ~~or~~ 408N, or 408R
7. Biology 311C, 311D, and 325; or 315H and 325H; these courses must be completed before the student progresses to other upper-division biology and upper-division public health courses
8. Chemistry 301 or 301H, 302 or 302H, 204, 320M, and Biochemistry 369
9. One of the following foreign language/culture choices:
 - a. Beginning level proficiency coursework, or the equivalent, in a foreign language
 - b. First course in a foreign language and a three-semester-hour course in the culture of the same language area
 - c. Two three-semester-hour courses in one foreign culture area; the courses must be chosen from an approved list available in the dean's office and the college advising centers.

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10. Enough additional coursework to make a total of 120 semester hours; a maximum of 18 hours of graduate coursework completed at the School of Public Health at the University of Texas Health Sciences Center may be applied as elective hours toward the Bachelor of Science in Public Health, Option III: Advanced Program, if needed to reach a total of 120 hours.

* Graduate coursework may not be applied toward the public health core requirements 2a through 2f.

Special Requirements

[no change]

Additional Requirements for Option II

To graduate under Option II, students must remain in good academic standing in the Dean's Scholars Program, must earn grades of at least A- in the departmental research and thesis courses described in requirement 11 above, and must present their research in an approved public forum, such as the college's annual Undergraduate Research Forum. More information about the Undergraduate Research Forum is available at <https://cns.utexas.edu/>.

Additional Requirements for Option III

[no change]

¹ See <https://facultycouncil.utexas.edu/degree-program-changes> for detailed explanations.

² Submit required Texas Higher Education Coordinating Board forms to the provost's office.

³ **EXCLUSIVE:** of *exclusive* application and of primary interest only to a single college or school ("no protest" period is *seven calendar days*); **GENERAL:** of *general* interest to more than one college or school (but not for submission to the General Faculty) ("no protest" period is *fourteen calendar days*); **MAJOR:** *major* legislation must be submitted to the General Faculty for adoption ("no protest" period is *fourteen calendar days*).