SCHOOL OF PUBLIC HEALTH AND TROPICAL MEDICINE

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Vision
Advancing public health for more than a century, in New Orleans, Louisiana, the World

Mission Statement
Advance global public health and decrease health disparities through excellence in education, research, and collaborative partnerships.

Introduction
Founded in 1912, Tulane University School of Public Health and Tropical Medicine (SPHTM) was the first school of public health in the US and has been a leader in the field of public health for more than 100 years. The school continues a strong presence in New Orleans, Louisiana, across the United States and Internationally. As the first school of tropical medicine in the country, SPHTM has led the field of topical medicine and vector-borne diseases. SPHTM has a focus on cardiovascular disease, health disparities, reproductive health, and public health responses to disasters. Tulane SPHTM has a strong, diverse faculty who are committed to advancing public health and educating the next generation of public health professionals.

Public health is an interdisciplinary field and Tulane SPHTM offers a full array of masters and doctoral degrees across the public health spectrum that includes study in biostatistics, epidemiology, environmental health, community health and behavioral science, health management and policy and tropical medicine. SPHTM education is applied and skills-based with developing strong analytical skills and managerial skills while focusing on their application to promote health and prevent diseases in communities and protecting the environment.

The Bachelor of Science in Public Health (BSPH) integrates the public health disciplines with undergraduate studies to produce highly sought after graduates who are prepared to address an array of problems and find solutions.

History
The study of public health in Louisiana began in the early 1800s when New Orleans suffered from epidemics of malaria, cholera and yellow fever. A group of young physicians sought to find solutions to control tropical diseases and prevent these epidemics established the Medical College of Louisiana in 1834. These insightful physicians realized the necessity of studying the many factors related to the diseases and studying the environment in which they occurred. In 1881, formal instruction in hygiene was offered for the first time. Creighton Wellman established the first School of Hygiene and Tropical Medicine in 1912 with a $25,000 gift from Samuel Zemurray’s United Fruit Company. In 1947, the School of Hygiene and Tropical Medicine re-emerged as an independent school offering graduate level offering the masters of public health and a doctoral program in public health in 1950. Tulane was among the original 10 schools of public health as public health emerged as an independent field in 1947. In 1967, the school was renamed the School of Public Health and Tropical Medicine.
In December 2003, the University Senate approved the establishment of the Bachelor of Science in Public Health (BSPH) degree program in the School of Public Health and Tropical Medicine with the inaugural class beginning in fall 2005. Because of Hurricane Katrina, student began study of undergraduate public health in 2006.

Tulane University is accredited by the Southern Association of Colleges and Schools Commission on Colleges (http://www.sacs.org/) to award associate, baccalaureate, masters, doctorate, and professional degrees.

Tulane School of Public Health and Tropical Medicine is accredited by the Council on Education in Public Health (https://ceph.org/) to award public health bachelor’s, master’s and doctoral degrees.

Academic Policies

Newcomb-Tulane College Policies

A full description of academic policies for all students in Newcomb-Tulane College (https://catalog.tulane.edu/newcomb-tulane/#academicpolicies) can be found in the college's section of this catalog. Students should review these policies thoroughly.

Graduate School Policies

A full description of academic policies for all students in Graduate Programs (https://catalog.tulane.edu/graduate-degrees-professional-programs/graduate-postdoctoral-studies/policies/) can be found in the Office of Graduate and Postdoctoral Studies section of this catalog. Students should review these policies thoroughly.

School of Public Health and Tropical Medicine Policies

Academic Advising

Each student is assigned a faculty advisor who provides information on the degree and program requirements, mentors students on academic and professional issues, and monitors fulfillment of degree requirements including practicum and culminating experience for graduation.

- Students and advisors are expected to meet at least once each semester.
- Students may change advisors with the agreement of another faculty to serve as their advisor.
- Students must inform the departmental administrator of the change in advisor in writing.

Class Attendance

Students are expected to attend all classes unless they are ill or prevented from attending by exceptional circumstances. Instructors should establish policies for attendance in their classes that are announced at the beginning of the semester. Students who find it necessary to miss class are responsible for obtaining notes on material covered in lectures or other class sessions. It is up to the instructor to determine whether or not to allow the student to make up missed quizzes, examinations or other exercises. Students are responsible for notifying professors about absences that result from serious illnesses, injuries or critical personal problems. Check with the Student Health Center on the current policies for medical excuses.

Course Withdrawals or Additions

Students can drop and add courses according to the dates set each semester by the Registrar’s Office. Drop/add forms are available on the SPHTM Office of Student Experiences. Students complete and sign the forms and have the faculty adviser sign the form. Students should discuss implications of course withdrawals or additions with their faculty adviser and be aware of the dates for refund.

Independent (or Special) Study

A special study or independent study is a one-on-one academic experience on a special topic and allows for study in a topic not offered in a course, or more in-depth study in an area. The topic, course objectives and activities are agreed upon by the student and a faculty member. Adjunct faculty may assist with an independent study, but may not be the primary instructor. A special study generally involves in-depth analysis of a specific issue and documentation of the findings. Independent Study course may be from 1 to 3 credits. The special study is equivalent to a course and must meet the same rigor, degree of effort and time as a comparable credit course. The faculty must have documented expertise in the topic. A special / independent study is not described in the Courses of Instruction and does not require a course review document. A total of no more than 6 credits are allowed for master’s programs and no more than 12 credits for doctoral programs may be earned in Special Studies. Master’s Course: SPHL 7990 Independent Study (1-3 c.h.) / Doctoral Course: SPHL 8990 Independent Study (1-3 c.h.).

Incomplete (I) Grades

A grade of "I" automatically becomes an "F" thirty days after the final examination date. An extension may be obtained with the permission of the instructor by officially filing for an extension with the Office of Student Affairs. Both the student and instructor must sign the extension form. It is the responsibility of the student to obtain the form and see that it has been filed properly. If an extension is granted, all incomplete grades must be completed by the end of the following semester of receiving the grade.
Waiver of Foundational Courses for Students
To waive a Foundational course, students may take a challenge exam to demonstrate that knowledge. Consult the instructor of the foundational course for the challenge exam. The course is waived, but not the credits required for the degree. Student may take other courses in place of the waived course.

Change in Requirements for Academic Programs
If program requirements change while a student is enrolled, the student completes their degree under the requirements in which they entered. A student may voluntarily opt to complete their degree under the new requirements; however, all of the new program requirements must be fulfilled.

Doctoral Program Continuous Registration
A doctoral student must be continuously registered in a degree-granting division of the university during the academic year (exclusive of the summer session) in either full-time or part-time status from the date of the first registration until the awarding of the degree. Failure to be continuously registered is de facto withdrawal and the school reserves the right not to readmit. Students who are readmitted may be subject to any changes in degree criteria in place at the time of readmission.

Readmitting Students to Master’s Degree Programs
Students may seek readmission to a Master's degree program after not registering in the School of Public Health and Tropical Medicine more than one semester. Upon re-admittance, the student must satisfy the current degree requirements and not the degree requirements under which they originally enrolled. Students who are readmitted may apply applicable earned credit hours to their degree, provided that those credit hours have not expired.

Transfer Between Programs/Concentrations within the Same Professional Master’s Degree
Student in the MPH, MSPH or MPH&TM may transfer between programs/concentrations and apply credits earned. The student must fulfill all of the degree requirements for the program they transfer into, even if it requires more total credits for the degree. Foundational courses count towards all professional master's degrees.

Academic Standards
Academic Requirements for all Master’s Degree Programs:
• Cumulative grade point average (GPA) of at least a 3.0 on a 4.0 point scale. GPAs below 3.0 cannot be rounded up.
• Not more than two grades of “C” or lower or not more than one “F”

Academic requirements for all Doctoral Degree Programs:
• Cumulative grade point average (GPA) of at least a 3.3 on a 4.0 point scale. GPAs below 3.3 cannot be rounded up.
• Not have a grade below a B in more than 2 courses
• Grades of “C” or lower does not count toward the doctoral degree
• Not receive a grade of “F” in any course

Academic Probation for SPHTM Master’s Degree Programs
Students who fail to maintain good academic standing will be placed on academic probation if:

• Cumulative GPA of less than 3.0 after attempting at least 12 credit hours, or
• Receives the grade of C or lower in 2 courses in one semester, or
• Receives one grade of F in one semester.

Students who receive a “C” or “F” may retake the course once. The original grade remains on the transcript and is included in calculating the overall GPA. “WF” is calculated as an “F” when determining a student’s GPA and is considered as an “F” in probationary and dismissal decisions.

Terms of Probation
The Department and student propose a plan with a timeline in writing to bring the GPA to 3.0 that serves as the terms of probation. This is approved by the Associate Dean of Academic Affairs. The plan indicates specific courses and minimum grades needed to bring the GPA to 3.0 and may address nonacademic factors as needed. A copy of the plan is sent to SPHTM student records no later than two weeks after delivery of the probation letter. Unless otherwise noted, students will have one semester to satisfy the terms of probation. If the student does not satisfy the terms of probation or made substantial progress, they may be dismissed from the School.

Students will not be allowed to change degree programs or departments during a probationary semester unless both the chairs and academic advisors of the transferring and accepting departments/programs approve the change.
Academic Warning for SPHTM Master’s Degree Programs
Students whose semester GPA is less than 3.0, but the cumulative GPA is above 3.0 will receive a written warning, but not be put on probation. The student and their advisor shall develop a plan of action to promote student success.

Students who receive a second grade of C or lower (after receiving one grade of C or lower in a prior semester) and whose GPA is 3.0 or greater will receive a written notice that they have reached maximal number of grades of C or lower allowed to graduate from SPHTM. They must appeal to the Committee for Academic Policy to be able to graduate.

Dismissal from the School
A student will be dismissed from the School if any one of the following occurs:

- A student receives two grades of F.
- A student receives three grades of C or lower.
- The terms of academic probation are not met.

Please note that a “WF” is calculated as an “F” when determining a student’s GPA and is considered as an “F” in probationary and dismissal decisions.

Student Request for Review of Status or Appeal of Dismissal
Any student placed in jeopardy by these policies may appeal the dismissal or request a review of status by their departmental faculty and the Committee on Academic Policy. The procedure for a request of a review is:

- The student submits a written explanation of extenuating circumstances or other matters pertinent to their advisors and/or department chair.
- If the department determines that the appeal has merit, the department forwards the appeal and their support to the Senior Associate Dean for Academic Affairs in writing and request a hearing. If the department does not feel that the appeal deserves further consideration, it will so notify the Senior Associate Dean for Academic Affairs and the student in writing.
- If the department does not support the student’s appeal, the student may send a written appeal to the Dean for Academic Affairs for consideration by the Committee on Admissions and Academic Policy.
- The decision of the Committee on Admissions and Academic Policy shall be considered final.

Grading Scale
Grades are reported as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.00</td>
</tr>
<tr>
<td>A minus (A-)</td>
<td>3.67</td>
</tr>
<tr>
<td>B plus (B+)</td>
<td>3.33</td>
</tr>
<tr>
<td>B</td>
<td>3.00</td>
</tr>
<tr>
<td>B minus (B-)</td>
<td>2.67</td>
</tr>
<tr>
<td>C</td>
<td>2.00</td>
</tr>
<tr>
<td>F</td>
<td>0.00</td>
</tr>
<tr>
<td>WF</td>
<td>0.00</td>
</tr>
<tr>
<td>I (Incomplete)</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Transfer Credits
No more than 25 percent of the total required for the award of degree may be transferred into SPHTM. Credits are reviewed on a course by course basis and SPHTM reserves the right not to accept the transfer of credit toward a SPHTM degree. Credits from non-traditional universities or universities that give credit for “life experience” are not eligible for transfer.

For a course to be eligible for transfer to SPHTM, a course must:

- Be taken at a regionally US Department of Education accredited 4-year college or university. Courses taken at universities outside of the United States must be evaluated by a transcript evaluation service (such as the World Education Service, “WES”).
- Student received a grade of B or higher
- Must be graduate level
- Must not have been used towards any other degree
- Must directly relate to the degree program
- Completed course in the last 5 years
Foundational Courses: Because the wide variety of approaches to the Foundational Courses across CEPH accredited schools and programs of public health, students must take the Five Foundational Courses at Tulane SPHTM. Students completing similar courses at CEPH accredited schools, may take a challenge exam to waive the course (but not the credits).

Courses taken while enrolled in an undergraduate degree, cannot be counted towards graduate degrees, even if the course itself is designated as a graduate-level course. Credits in excess of requirements for an undergraduate degree may not be used toward a graduate degree, even if designated as a graduate level course. Graduate level courses taken after completion of an undergraduate degree are eligible for transfer according to the SPHTM transfer policy.

Transfer of Credit for Enrolled Students:
Students should consult with their advisor prior to taking a course at another university with the intent of transferring credit toward their degree. It is the student’s responsibility to ensure that the course meets the criteria for transfer and is applicable to their degree program. Transfer of credit is not automatic and not all courses may be accepted toward their program.

Transfer Credit Expiration:
No credit earned at another college or university more than ten years previously may be applied to a SPHTM degree.

Time for Completion of Degrees:
Students enrolled in a professional master's degree program are required to complete the degree requirements within seven (7) years.

Students enrolled in a doctoral program are required to complete the degree within 7 years.

Degree Requirements
Undergraduate

Newcomb-Tulane College Requirements

Newcomb-Tulane College General Education Curriculum

Newcomb-Tulane College Core Curriculum allows students to explore a wide-range of disciplines and embodies the mission and values of the College by allowing students to have flexibility in their core curriculum courses while exploring a full-range of courses.

The core curriculum—which is composed of a minimum of 30 credits—is divided into two parts: proficiency requirements and a distribution of knowledge. To ensure that students experience the breadth of knowledge at the collegiate level, AP and IB courses can be used to satisfy proficiency requirements only in Formal Reasoning and Foreign Language.

Courses will be designated as satisfying the distribution requirements according to the content and methodology rather than the departmental affiliation of the course.

The new core curriculum general education requirements will go into effect with the entering class of 2018.

Courses proposed to satisfy core requirements will be ratified by the Newcomb-Tulane Curriculum Committee and the Newcomb-Tulane College faculty.

Proficiency Requirements

Writing Skills (2 courses and 6 credits)

Tulane undergraduates should be able to communicate effectively. Students completing this requirement will produce coherent texts that combine analysis, argument, and research.

- Tier 1: Freshman writing (ENGL 1010 Writing (4 c.h.) or ENGL 1011 Writing for Academic Purposes (4 c.h.)) unless the student is exempt. Students receiving exemption from ENGL 1010 Writing (4 c.h.)/ENGL 1011 Writing for Academic Purposes (4 c.h.) are required to take an approved writing class during their freshman year. At least 1/3rd of the grade based upon writing (excluding in class exams), but no revision required.
- Tier 2: One additional writing course at the 2000 level or above taken from an approved list. At least 1/3rd of the grade based upon writing (excluding in class exams), to include revision and re-evaluation by the instructor.

Note: creative writing courses cannot be used to satisfy the writing proficiency requirement.

Formal Reasoning (1 course and 3 credits)
One course in mathematics or symbolic logic (PHIL 1210 Elementary Symbolic Logic (3 c.h.))

Foreign Language (0-3 courses)

The foreign language proficiency requirement is achieved in any of the following ways:

- Passing grade in a course at the 2030 level (3rd semester of Tulane 4-credit hour Foreign Language coursework) or higher in accordance with assigned placement level
- Passing grade on a Tulane-administered proficiency exam for students with assigned placements above the 2030 level. Students who do not successfully pass the proficiency exam will be automatically placed and must successfully complete a course at the 2030 level.
- Passing grade in a course at the level of placement above 2030
- Advanced Placement score of 4 or 5 in a foreign language test as noted in the AP/IB chart
- Higher-Level IB score of 5 or higher in a foreign language test as noted in the AP/IB chart
- Cambridge A-Level score decided by each department.
- SAT II achievement test of 640 or higher in a foreign language.

This requirement is waived for students in B.S.E. programs.

Distribution Areas

(A course can satisfy only one of the distribution areas.)

Mathematics and the Natural Sciences (2 courses including 1 lab science course and 7 credits)

Tulane undergraduates should understand the methods of scientific inquiry. The mathematics and natural sciences requirement will equip students to understand and assess scientific issues that affect the world today. (Those completing the B.F.A. degree need only complete 1 course with lab.)

Social and Behavioral Sciences (2 courses and 6 credits)

Tulane undergraduates should think critically about human cultures, societies, and behaviors. This requirement acquaints students with the methods of research and inquiry in the social science disciplines.

Textual and Historical Perspectives (2 courses and 6 credits)

Tulane undergraduates should evaluate literary, philosophical, and historical texts. This area of the curriculum introduces exposes students to the methods used to examine and interpret fundamental issues of human experience.

Aesthetics and the Creative Arts (3 credits)

Tulane undergraduate students should be able to understand and appreciate the creative process and various forms of artistic expression.

Additional Core Requirements

The First Year Seminar

This requirement can be satisfied by a Tulane Interdisciplinary Seminar (TIDES) course or an Honors Colloquium course (COLQ 1010 Freshmen Colloquium Seminar (1-3 c.h.) or COLQ 1020 Freshman Colloquium (1-3 c.h.)).

Public Service

All students will complete public service that is satisfied by service learning courses, an approved internship, or research experience. These courses can also be used to satisfy other areas of general education. The nature of the requirement is to be determined by the NTC faculty. Currently this is a two-tiered experience.

Race and Inclusion

One course that focuses on race and inclusion in the United States, to be completed by end of the sophomore year. Courses that fulfill this requirement will focus at least 60% of their content on race and inclusion in the United States. These courses may also be used to satisfy other general education curriculum requirements.

Global Perspectives
One course that focuses on a global-international context from a perspective outside of the U.S., with at least 60% of content with stated objectives to develop historical, cultural, and societal knowledge of an area beyond the U.S. This requirement should be completed by end of the sophomore year. These courses can also be used to satisfy other areas of general education.

**School of Public Health and Tropical Medicine**

**Bachelor of Public Health (BSPH)**

The Tulane Bachelor of Science in Public Health (BSPH) degree is an academic degree addressing the health of populations and communities through instruction, service, and community based research. Grounded in a background of humanities, social science, and the liberal arts, the degree fulfills Tulane University's campus-wide undergraduate core proficiency while stressing an additional commitment to quantitative and scientific skills. This degree program is nationally accredited and has specific competencies, or educational targets. Competencies for the BSPH cover core concepts and structures of public health, along with university-required proficiencies, writing and math skills, and a foreign language.

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**Public Health Degrees**

**Master of Health Administration (MHA)**

The Master of Health Administration trains future managers and leaders who strive to improve the delivery of health services in diverse settings. The MHA degree requires a total of 60 credits (48 credits of required coursework and 12 elective credits) plus an administrative residency (960 hours). All SPHTM student must take SPHL 6020 Foundations in Public Health or pass a challenge exam.

The program has been accredited by the Commission on Accreditation of Healthcare Management Education (CAHME) since 1971.

- Master of Health Administration

**Master of Public Health (MPH)**

The Master of Public Health is the recognized professional degree for leadership careers in public health. The MPH degree requires 42-45 credits consisting of:

- **Five Foundational courses**
  - 15 credits

- **Required programmatic course work**
  - 18-21 credits

- **Electives**
  - 9-12 credits

- **Integrated learning experience (ILE)**

- **Applied Practice Experience**

*Foundational courses are:

- SPHL 6020 Foundations in Public Health (3)
- SPHL 6050 Biostatistics for Public Health (3)
- SPHL 6060 Epidemiology for Public Health (3)
- SPHL 6070 Health Systems, Policy and Management (3)
- SPHL 6080 Design Strategies for Public Health Programs (3)

The MPH is offered in the following concentrations:

- MPH in Community Health Sciences
- MPH in Disaster Management
- MPH in Epidemiology
- MPH in Health Education and Communication
- MPH in Health Policy
- MPH in Health Systems Management
- MPH in Health &Safety Management (Distant Learning only)
- MPH in International Health and Development
• MPH in Maternal and Child Health
• MPH in Nutrition
• MPH in Occupational and Environmental Health (Distance Learning only)

Master of Public Health and Tropical Medicine (MPH&TM)
The Master of Public Health and Tropical Medicine is a practice-oriented program that prepares students to recognize and control infectious diseases found in tropical and subtropical regions and developing countries. This degree is unique to Tulane and reflects a century of work with tropical diseases.

The MPH&TM requires 42 credits of course work composed of:

• Five Foundational courses* 15 credits
• Required programmatic course work 18-21 credits
• Electives 9-12 credits
• Integrated learning experience (ILE)
• Applied Practice Experience

The MPHTM has two tracks: Clinical track for physicians and Public Health track.

• Master of Public Health and Tropical Medicine

Master of Science (MS)
The Master of Science degree is an academic research degree. The MS requires 36 to 45 credits depending on degree area. The MS degree requires course work in Biostatistics, Epidemiology and the area of study. All SPHTM student must take SPHL 6020 Foundations in Public Health or pass a challenge exam. Student must conduct a research project and write a research thesis.

We offer the following MS programs:

• MS in Biostatistics
• MS in Epidemiology
• MS in Clinical Investigation
• MS in Tropical Medicine

Master of Science in Public Health (MSPH)
The Master of Science in Public Health is a public health professional degree with a science orientation. The MPH degree requires 42-45 credits (depending on concentration) composed of:

• Five Foundational courses* 15 credits
• Required programmatic course work 18-21 credits
• Electives 9-12 credits
• Integrated learning experience (ILE)
• Applied Practice Experience

SPHTM offers the following MSPH programs:

• MSPH in Biostatistics (BIOS)
• MSPH in Global Environmental Health Sciences
• MSPH in Industrial Hygiene

Doctor of Philosophy (PhD)
The Doctor of Philosophy in Public Health is an academic research degree that prepares students for research roles in public health and a variety of other careers. The PhD requires a minimum of 72 credits beyond the bachelor's degree. Students enter the PhD with a master's degree; up to 42 master's credits directly related to the area of study may be applied toward the PhD degree. At least 30 credits of advanced course work must be completed at SPHTM. PhD student take a comprehensive exam, develop a research prospectus, conduct a major research project and defend a dissertation. The PhD program includes course work in advanced biostatistics and epidemiology beyond the foundational level and a research methods course. All SPHTM student must take SPHL 6020 Foundations in Public Health or pass a challenge exam.

The PhD in Public Health is offered with concentrations in:

• PhD in Biostatistics
• PhD in Epidemiology
• PhD in Global Community Health and Behavioral Sciences
• PhD in Global Environmental Health Sciences
• PhD in Health Policy and Management
• PhD in Tropical Medicine

Doctor of Public Health (DrPH)
The Doctor of Public Health is an applied professional doctoral degree that prepares students for leadership roles in public health practice. The DrPH builds on the foundational areas of public health. A MPH is required for entry into the DrPH and up to 42 credits may be applied to the total of 72 credits. At least 36 credits of advanced course work must be completed at SPHTM. The DrPH program includes course work in advanced biostatistics and epidemiology beyond the foundational level and a research methods course. DrPH student a comprehensive exam, an applied practice experience and compete a dissertation. The DrPH is offered in Community Health and Behavioral Sciences.

• DrPH in Global Community Health and Behavioral Sciences

Academic Departments
• Department of Biostatistics and Data Science (https://catalog.tulane.edu/public-health-tropical-medicine/biostatistics-data-science/)
• Department of Environmental Health Sciences (https://catalog.tulane.edu/public-health-tropical-medicine/environmental-health-sciences/)
• Department of Epidemiology (https://catalog.tulane.edu/public-health-tropical-medicine/epidemiology/)
• Department of Global Community Health and Behavioral Sciences (https://catalog.tulane.edu/public-health-tropical-medicine/global-community-health-behavioral-sciences/)
• Department of Health Policy and Management (https://catalog.tulane.edu/public-health-tropical-medicine/health-policy-management/)
• Department of Tropical Medicine (https://catalog.tulane.edu/public-health-tropical-medicine/tropical-medicine/)
• Joint and Combined Degrees (https://catalog.tulane.edu/public-health-tropical-medicine/joint-combined-degrees/)
• Undergraduate Public Health (https://catalog.tulane.edu/public-health-tropical-medicine/undergraduate-public-health/)