

**Important!
Do Not Delay!**

**Immunization Form REQUIRED
for you to proceed with class registration
at UMass Boston**

Obtaining proof of immunizations may be a time-consuming process, so start now! Incomplete information may result in a delay or even a block on your registration at UMass Boston (Complete form on reverse side)

IF YOU HAVE ALREADY SUBMITTED YOUR IMMUNIZATION FORM TO US, PLEASE DISREGARD THIS FORM AND DO NOT RESUBMIT

Accurate and complete immunization information is required for registration at UMass Boston. Incomplete information may result in your registration being blocked. Please follow these directions.

Section A: Required Immunizations

1. MMR (Measles, Mumps, and Rubella) - Two doses are required for entry into UMass Boston. (1) One must have been received at 12 months of age or later and (2) the second dose must have been received at least 30 days after the first dose.
2. Hepatitis B – A series of three (3) doses of vaccine are required for entry into UMass Boston. The second vaccine must be 30 days after the first dose and the third dose 5 months after the second dose.
3. Td (Tetanus/Diphtheria) or Tdap (Tetanus/Diphtheria/Acellular Pertussis) – within the past 10 years. UHS strongly suggests that all UMass Boston students' ages should substitute Tdap for one booster dose of Td. For more information go to <http://www.immunize.org/vis/tdap.pdf>

Section B: Highly Recommended Immunizations

1. Varicella (Chicken Pox) – If you have not had the chicken pox disease we strongly suggest you be immunized.
2. Meningitis Vaccine – Provide documentation of Meningitis vaccination or sign that you have read the enclosed Massachusetts Department of Public Health Public Health Fact Sheet on Meningococcal Disease and College Students.
3. Tuberculosis Skin Test – University Health Services strongly recommends tuberculosis testing for all international students and students who travel abroad. If you have not been tested within the past 1 year you may be tested at University Health Services free of charge.

** All immunizations are available at University Health Services for a nominal fee. Call University Health Services Department of General Medicine at 617-287-5660 for further information.

PUBLIC HEALTH FACT SHEET

Meningococcal Disease and College Students

Massachusetts Department of Public Health, 305 South Street, Jamaica Plain, MA 02130

What is meningococcal disease?

Meningococcal disease is caused by infection with bacteria called *Neisseria meningitidis*. These bacteria can infect the tissue (the “meninges”) that surrounds the brain and spinal cord and cause meningitis, or they may infect the blood or other body organs. In the US, about 2,600 people per year get meningococcal disease and 10-15% die despite receiving antibiotic treatment. Of those who survive, 11-19% may lose limbs, become deaf, have problems with their nervous system, become mentally retarded, or have seizures or strokes.

What are *Neisseria meningitidis*?

Neisseria meningitidis are bacteria that may be found normally in people’s throats and noses. About 5 to 15% of people carry these bacteria and do not get sick from them. These people may be called “carriers.” Carriers only have bacteria for a short time. Usually, the bacteria go away and these people may have increased resistance to infection in the future. In rare cases, the bacteria may get into the blood and go to the tissue surrounding the spinal cord and brain, causing severe illness.

What are the symptoms of meningococcal disease?

Signs and symptoms of meningococcal disease include a sudden onset of fever, stiff neck, headache, nausea, vomiting, and/or mental confusion. Changes in behavior such as confusion, sleepiness, and unresponsiveness are important symptoms of illness. A rash may also be present. Anyone who has these symptoms should be seen by a healthcare provider immediately.

How are the bacteria spread?

These bacteria are passed from person-to-person through saliva (spit). You must be in close contact with an infected person’s saliva in order for the bacteria to spread. Close contact includes activities such as kissing, sharing water bottles, sharing eating/drinking utensils or sharing cigarettes with someone who is infected; or being within 3-6 feet of an infected person who is coughing or sneezing.

Who is at most risk for meningococcal disease?

People who travel to certain parts of the world where the disease is very common are at risk for meningococcal disease. Children and adults with damaged or removed spleens or terminal complement component deficiency (an inherited immune disorder) are also at higher risk. People who live in certain settings, such as college freshmen living in dormitories and military recruits, are also at greater risk of disease.

Are students in college at risk for meningococcal disease?

College freshmen and other newly enrolled college students, living in dormitories and other congregate living situations (such as fraternities and sororities), are at an increased risk for meningococcal disease as compared to individuals of the same age not attending college. The closed setting, combined with certain behaviors (such as alcohol consumption, exposure to cigarette smoke, sharing food or beverages, and activities involving the exchange of saliva), may put college students at a greater risk for infection. The risk of meningococcal disease for other college students, in particular older students and students who do not live in congregate housing, is not increased.

Is there a vaccine against meningococcal disease?

Yes, there are currently 2 vaccines available that protect against 4 of the most common of the 13 serogroups (subgroups) of *N. meningitidis* that cause serious disease. Meningococcal polysaccharide vaccine is approved for use in those 2 years of age and older and provides protection for 3 to 5 years. Meningococcal conjugate vaccine is approved for use in those 11- 55 years of age, is expected to help decrease disease transmission and to provide more long-term protection. Either of these vaccines is acceptable for college students.

How complete is the protection with the vaccine?

Both currently available vaccines provide protection against serogroups A, C, Y and W-135. These 4 serogroups account for approximately two-thirds of the cases that occur in the US each year. Most of the remaining one-third of the cases are caused by serogroup B, not represented in the vaccines.

Is the meningococcal vaccine safe?

A vaccine, like any medicine, is capable of causing allergic reactions. The risks associated with receiving the vaccine are much less than the risk of meningococcal disease. Some people who get meningococcal vaccine have mild side effects, such as redness or pain where the shot was given. Local reactions are more common in those receiving meningococcal conjugate vaccine. These symptoms usually last for 1-2 days. A small percentage of people who receive the vaccine develop fever. The vaccine can be given to pregnant women.

Are students required to receive meningococcal vaccine prior to entering college?

Massachusetts law requires newly enrolled full-time students attending colleges and schools with grades 9-12, who will be living in a dormitory or other congregate housing, licensed or approved by the school or college, to receive meningococcal vaccine. All students covered by the regulations must provide documentation of having received a dose of meningococcal polysaccharide vaccine within the last 5 years (or a dose of meningococcal conjugate vaccine at any time in the past). Immunizations should be obtained prior to enrollment or registration; however, students may be enrolled or registered provided that the required immunizations are obtained within 30 days of registration.

The law contains exemptions. Students may begin classes without a certificate of immunization against meningococcal disease if: 1) the student has a letter from a physician stating that there is a medical reason why he/she can't receive the vaccine; 2) the student (or the student's parent or legal guardian, if the student is a minor) presents a statement in writing that such vaccination is against his/her sincere religious belief; or 3) the student (or the student's parent or legal guardian, if the student is a minor) signs a waiver stating that the student has received information about the dangers of meningococcal disease, reviewed the information provided and: a) elected to decline the vaccine; or b) could not obtain meningococcal vaccine due to a shortage, but wishes to receive vaccine.

More information about this requirement may be found in the MDPH document entitled "*Information about Meningococcal Disease and Vaccination and Waiver for Students at Residential Schools and Colleges*".

While not required, college students who do not live in campus-related housing and want to reduce their risk for meningococcal disease may also choose to be vaccinated.

Where can a college student get vaccinated?

Students and their parents should contact their healthcare provider and make an appointment to discuss meningococcal disease, the benefits and risks of vaccination, and the availability of vaccine. Schools and college health services are not required to provide students with this vaccine.

Where can I get more information?

- Your healthcare provider
- The Massachusetts Department of Public Health, Division of Epidemiology and Immunization at (617) 983-6800 or toll-free at (888) 658-2850 or on the MDPH website at <http://www.mass.gov/dph>
- Your local health department (listed in the phone book under government)