

Infectious Disease(s)	Vaccine	Mandatory or Strongly Recommended	Schedule (Recommended minimum number of Doses and Recommended Minimum Dosing intervals)	Acceptable confirmation of immunity Or Acceptable confirmation of previous Immunisation Or Acceptable Screening to show non-infective
Hepatitis B	Hepatitis B	Vaccination Mandatory <i>(if not already immune as a result of previously naturally acquired infection)</i>	Standard 3 doses 0,1,6 months Accelerated 4 doses 0,1,2,12 months Rapid 4 doses 0,7,21,365 days	Immunity confirmed using Identified Validated Standard Sample undertaken only in Student Health Department UCC ^{1,2}
Measles Mumps Rubella	MMR	Vaccination Strongly Recommended <i>(if not already immune as a result of previously naturally acquired infection)</i>	MMR 2 doses (minimum) at least one month between dose 1 and dose 2	Written confirmation from Healthcare Professional or Healthcare Institution of previous clinical measles, mumps and rubella ³ OR Written confirmation from Healthcare Professional or Healthcare Institution of 2 doses of MMR vaccine ³
Chicken Pox (Varicella)	Varivax	Vaccination Strongly Recommended <i>(if not already immune as a result of previously naturally acquired infection)</i>	Varivax 2 doses 0,4-8 weeks (A single dose varicella vaccine is available in some countries and is acceptable)	Written confirmation from Healthcare Professional or Healthcare Institution of previous clinical Chicken Pox or Shingles OR Written confirmation from Healthcare Professional or Healthcare Institution of completed course of Varicella vaccination
Tuberculosis	BCG	Vaccination Strongly Recommended ⁴ <i>(if not already immune as a result of previously naturally acquired infection)</i> If Vaccination Declined ⁴ : Must be Screened for TB		Written confirmation from Healthcare Professional or Healthcare Institution of previous TB OR Written confirmation from Healthcare Professional or Healthcare Institution of 1 dose of BCG vaccine OR Written confirmation from Healthcare Professional or Healthcare Institution of TB Screening with: 2 Step Tuberculin Skin Test(s) (+CXR for students from countries with high TB endemicity ⁵

NOTES

1. Identified Validated Sample Standard requires the student to provide Photo ID at time of blood sampling, and that the sample is taken and processed by the UCC Student Health Department Staff.
2. Lifelong immunity is deemed to have been attained if either a. **OR** b. below applies
 - a. An anti HBs antibody levels of $> 100\text{mIU/ml}$ is achieved in a single sample
 - b. An anti HBs antibody levels of $> 10\text{mIU/ml}$ is achieved in each of 2 separate samples, taken on differing days.
3. Individuals born on or before 31/12/1978 are considered to be clinically immune to each of Measles Mumps and Rubella by virtue of likely prior exposure to the wild virus. Serology IgG levels are **not** acceptable as evidence/proof of immunity in those born after 1978. This is because interpretation of mumps and measles IgG levels is problematic as **there is no IgG level that definitely indicates immunity in those vaccinated**. Evidence of immunity for individuals born since 1978 is documented evidence of 2 doses of MMR, **or** documented evidence of having previously suffered clinical measles, mumps and rubella. In the absence of this evidence the student should be vaccinated with at least at lifetime's total of 2 doses of MMR vaccine minimum 1 months apart.
4. BCG is not part of the routine control of Tuberculosis in some countries, including the US and Canada. Students from such countries should be aware that if they opt for BCG vaccination this may affect the interpretation of any subsequent TB screening that they may have to undergo in their countries of origin. Students who decline the offer of the BCG are reminded of the need to undergo Tuberculosis screening at least every two years.
5. The WHO defines high TB endemicity is a country with an annual TB incidence of >40 cases per 100,000 in the local population. The most recent list showing incidence rates of TB is available on our website at www.ucc.ie/en/studenthealth/healthcare