

Appendix 1: Summary of Recommended Vaccines and Immunity

Infectious Disease(s)	Vaccine	Recommendation	Recommended minimum no. of doses and minimum dosing intervals			Clearance or Immunity Standard
			Type	No of Doses	Dosing Intervals	
Hepatitis B	Engerix	Vaccination Strongly Recommended ²				Anti HBs level >10mIU/ml For programmes requiring EPP clearance the sample must be undertaken in UCC Student Health using IVS standards ^{3,4}
			Standard	3 doses	0,1,5-6 months	
			Accelerated	4 doses	0,7,21,365 days	
Measles Mumps Rubella	MMR	Vaccination Strongly Recommended ²	MMR 2 doses, 4 weeks apart			Documentation of 2 doses of MMR ^{5,6}
Chicken Pox (Varicella)	Varivax	Vaccination Strongly Recommended ²	Varivax 2 Doses 0, 4-8 weeks			Documentation of completed course of Varicella Vaccine OR VZ IgG serology positive
Tuberculosis	BCG ⁷	BCG Vaccine not required	Students should be TB Screened and cleared prior to attending on placement.			TB Screening is Negative for Tuberculosis disease

Standards

Table 2. Summary of recommended vaccines, immunity standards and screening requirements for students.

1. This table does not apply to UCC Nursing and Midwifery students. These students are subject to HSE policy.
2. Vaccinations recommended as per the National Immunisation Guidelines for Ireland (Healthcare settings Chapter 18). Students who decline vaccination or are unable to achieve and sustain adequate levels of immunity may be unable to undertake placements in higher risk settings. This may prevent them acquiring the core competencies required to graduate from their programme.
3. Lifelong immunity is deemed to have been attained if an anti HBs levels of > 10mIU/ml is achieved following the recommended schedule for healthcare workers.
4. 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.

5. 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. 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 a lifetime total of 2 doses of MMR.
6. Students who believe they have definitely had 2 doses of MMR and who are unable to provide documentation may undergo serology testing for MMR IgG titres. Only Measles and Rubella IgG positive status are considered reliable predictors of immunity to these infections. Mumps IgG serology is not a reliable predictor of immunity to Mumps. Where any of MMR IgG serology is negative or equivocal, or in an MMR outbreak situation, vaccination of at least 2 lifetime doses of MMR is recommended.
7. BCG is not part of the routine control of Tuberculosis in some countries, e.g. US and Canada.
8. Programmes involving EPPs are Medicine, Paramedic studies, Dentistry, Dental Nursing, Dental Hygiene, and Speech and Language Therapy.

