

## MANDATORY MEDICAL CLEARANCE FOR HEALTH SCIENCES LEARNERS & SPECIAL MEDICAL SCREENING REQUIREMENTS FOR SELECTED PROGRAMMES

1. Learners successfully admitted to Singapore Institute of Technology (SIT) are required to clear the **MANDATORY** medical examination before they can be successfully matriculated into SIT.
2. Learners admitting into the various SIT programmes are required to complete the medical screening and have the required vaccinations according to the respective programmes' requirements.
3. Learners are required to satisfy the said medical assessment/ conditions. Failing to do so would result in the need to complete the prescribed treatment and be certified fit by a qualified physician as "Fit to enrol into the programme". When no treatment/alternative is available, learners are to note that their admission into the respective programmes may be revoked.
4. Learners are required to bear their own expenses and pay direct to the clinics for the services required. There will be no reimbursement by SIT.
5. Learners are required to bring their past medical records when visiting any medical providers, eg. health booklet, documented evidence of immunity, vaccination proof or existing medications. Singaporean learners who do not have their childhood medical records can view their immunisation records from the National Immunisation Registry: <https://www.nir.hpb.gov.sg>. Immunisation records are available for children born from 1 January 1996.
6. All learners of all programmes are required to have their medical screening done for the items reflected in Part 1. In addition, certain programmes require additional screening(s) or vaccination(s) listed in Part 2.

### PART 1: Mandatory screening required for **ALL** programmes:

• Visual Acuity	• Musculoskeletal
• Urinalysis	• Neurological
• Cardiovascular	• Psychiatric
• Eyes (other than myopia)	• Respiratory
• Gastro-intestinal	

**PART 2: Additional Mandatory Screening/Immunisation Records/ Additional Forms for **SELECTED** programmes in the below table only:**

Screening/Immunisation/special tests required  Programmes	Additional Mandatory Screening											Additional Recommended		
	Hepatitis A <sup>^</sup>	Hepatitis B <sup>^</sup>	Hepatitis C <sup>^</sup>	Mumps, Measles & Rubella (MMR) <sup>@</sup>	Pertussis +	Poliomyelitis <sup>+</sup>	Tuberculosis <sup>^</sup>	Varicella (Chicken Pox) <sup>@</sup>	HIV <sup>^</sup>	Full Blood Count tests <sup>^</sup>	Hearing Test	Application For Registration as a Radiation Worker	Hepatitis B <sup>^</sup>	Hepatitis C <sup>^</sup>
Bachelor of Engineering in Pharmaceutical Engineering													Yes	Yes
Bachelor of Science in Occupational Therapy		Yes	Yes	Yes	Yes	Yes	Yes	Yes						
Bachelor of Science in Diagnostic Radiography		Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes		Yes		
Bachelor of Science in Radiation Therapy		Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes		Yes		
Bachelor of Science in Physiotherapy		Yes	Yes	Yes	Yes	Yes	Yes	Yes						
Bachelor of Science in Dietetics and Nutrition		Yes	Yes	Yes	Yes	Yes	Yes	Yes						
Bachelor of Science in Speech and Language Therapy		Yes	Yes	Yes	Yes	Yes	Yes	Yes			Yes			
Bachelor of Science in Nursing (Pre-registration and Specialty Training)		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes					
<b>Master of Health Sciences (specialisation tracks):</b>														
Adult and Geriatric Rehabilitation		Yes	Yes	Yes	Yes	Yes	Yes	Yes						
Musculoskeletal Physiotherapy		Yes	Yes	Yes	Yes	Yes	Yes	Yes						
Medical Sonography		Yes	Yes	Yes	Yes	Yes	Yes	Yes						
Organ Transplant Nursing		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes					
Rehabilitation Nursing		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes					
Bachelor of Engineering in Aircraft Systems Engineering											Yes			
SIT-UofG Joint Degree														
Bachelor of Science in Nursing		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes					
<b>CIA Degree</b>														
Bachelor of Business Administration in Food Business Management (Baking and Pastry Arts)	Yes	Yes												
Bachelor of Business Administration in Food Business Management (Culinary Arts)	Yes	Yes												

<sup>^</sup>Learners to proceed with the screening for immunity.

<sup>+</sup>Learners to produce the immunisation records for immunity, else to proceed with the vaccination.

<sup>@</sup>Learners to produce the immunisation records of previous vaccinations (min 2 doses) as proof of immunity OR to proceed with the screening for immunity.

**Note for Health Sciences programmes**

- i. Based on guidelines by the Ministry of Health, COVID-19 vaccination continues to be strongly recommended for healthcare learners.
- ii. The current and future requirements and guidelines applicable to healthcare staff of healthcare institutions will similarly be applicable to Health Sciences learners. Failure to comply with such requirements and guidelines may affect your ability to complete the course requirements, graduate, obtain registration and/or employment, and/or fulfil your bond obligations.

**Hepatitis B:**

Hepatitis B screening should be carried out before final admission into the course, as results may affect learners'/ schools' decision in continuing with the course.

All learners should be screened for hepatitis B carriage or should show documented serological evidence of immunity against hepatitis B (i.e. anti-HBs  $\geq 10$  mIU/mL). Learners enrolled in courses that might require them to perform or assist in EPPs must be screened for Hepatitis B.

Learners who do not have evidence of immunity: Hepatitis B negative learners who do not have documented serological evidence of immunity against hepatitis B (i.e. anti-HBs  $\geq 10$  mIU/mL) should be vaccinated with the primary course series (i.e. 3 doses of hepatitis B vaccine). A post-vaccination serology test should be conducted to determine the concentration of protective antibodies i.e. anti-HBs of at least 10mIU/mL.

Learners with anti-HBs concentrations  $\geq 10$  mIU/mL post-vaccination: For learners with documented serology response (i.e. anti-HBs  $\geq 10$  mIU/mL) obtained prior to admission into the course, there is no need to repeat the hepatitis B screening. Schools and healthcare institutions can rely on learners' previous hepatitis B screening results for PECT placements.

Learners with anti-HBs  $< 10$  mIU/mL post-vaccination: For those who are unable to acquire immunity after vaccinations (i.e. anti-HBs  $< 10$  mIU/mL), these learners should be revaccinated with either of the recommended options:

- **Option 1:** Learners can be vaccinated with a single booster dose followed by serology testing within 1-2 months. If an immune response is not mounted after the first booster dose, a second and third booster dose should be given to complete a second 3-dose vaccination series.
- **Option 2:** Alternatively, learners with anti-HBs concentrations less than 10mIU/mL can be revaccinated with a second 3-dose vaccination series, followed by re-testing within 1-2 months.

**If an immune response is not mounted after receiving two 3-dose vaccination series, the vaccine non-responder should be referred to an Occupational Health Physician for further counselling on the risk and susceptibility to acquiring HBV infection during the course of their training.**

**Hepatitis C:**

Learners enrolled in courses that might require them to perform or assist in EPPs must be screened for Hepatitis C and HIV. Screening must be carried out before final admission into the course, as results may affect learners'/ schools' decision in continuing with the course.

Similar to Hepatitis B, learners need not repeat Hepatitis C and HIV screening just before embarking on PECT. PSEIs and HCIs can rely on learners' Hepatitis C and HIV screening results from enrolment screening, for PECT placements.

Learners who engage in high risk activities are encouraged to go for regular testing and must inform their respective PSEIs of their BBD positive status immediately after they become aware of this

**Mumps, Measles and Rubella Viruses (MMR):**

All learners should be immune or vaccinated.

- Documented proof of vaccination (2-dose series); or
- Serological evidence of immunity against all three diseases; or
- Laboratory confirmation of all three diseases

**Self-declaration of past infection or vaccination is not considered as evidence of immunity.**

**Poliomyelitis:**

The complete childhood vaccination records for Polio is required. If learners are unable to provide the records, they must have taken at least 1 dose of vaccination at the point of matriculation and attach a copy of vaccination proof before submission.

**Tuberculosis:**

Learners must perform either Mantoux 2TU or 5TU test OR Quantiferon-Gold Assay. Please submit updated laboratory report which must be dated after 1 February of their admission year.

**Varicella (Chicken Pox):**

All learners should be immune or vaccinated.

- Documented proof of vaccination with 2 doses of varicella vaccine given at least 4 weeks apart; or
- Serological evidence of immunity; or
- Diagnosis or verification of history of varicella disease by a physician or laboratory

When past history of varicella is uncertain, serology testing should be carried out to confirm immunity against varicella.

**Tetanus, Diphtheria and Pertussis**

Learners who have not received Tdap before: All learners should receive tetanus toxoid, reduced diphtheria toxoid and acellular pertussis (Tdap) vaccination, if they have not previously received the Tdap vaccination. These learners should be vaccinated with a single dose of Tdap, followed by a booster dose of tetanus and diphtheria toxoids (Td) every 10 years. If Td is unavailable, it may be replaced with Tdap.

Learners who have previously received Tdap: Learners who have previously received Tdap vaccination should receive a booster dose of Td every 10 years. If Td is unavailable, it may be replaced with Tdap.

Documented proof of vaccination with Tdap or Td in the last 10 years would be acceptable as evidence of immunity. Self-declaration is not considered as proof of immunity.

**Full blood count:**

Learners are to do the Full Blood Count test or provide a valid lab report for Full Blood Count test done within the last 3 months

**Hearing Test:**

Learners are to do a hearing (Audiometry) test or provide a valid lab report for Audiometry test done within the last 3 months.

**HIV Test:**

Learners are to do a HIV test or provide a valid lab report for HIV test done within the last 3 months.

Learners enrolling into the Diagnostic Radiography or Radiation Therapy programme(s) must also complete the Application Form for registration as a Radiation Worker. Please click [here](#) to download the instructions and form.