



VINUNIVERSITY



VINUNIVERSITY
Medical Simulation Center

<https://vinuni.edu.vn/sim/>

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VINUNIVERSITY
**MEDICAL
SIMULATION
CENTER**



What makes the VMSC different from others?

World-Class Facilities and Equipment:

The VMSC has been designed as a simulated hospital environment with state-of-the-art facilities and a wide range of modern simulators and equipment which are always updated to meet the standards of simulation-based training around the world.

Quality training program with experienced instructors:

- Experienced instructors who are well trained in simulation-based medical education and certified as instructors of the American Heart Association (AHA) and MSR Israel.
- International-standard training program using official curriculum, textbooks and materials provided by AHA and MSR Israel.
- After participating AHA courses, international certificates of AHA will be issued with 2-year validity.
- If needed, learners could receive continuous medical education (CME)/continuous professional development education (CPD) certificates which are valid nationwide in Vietnam.



The VinUniversity Medical Simulation Center (VMSC) which is under the College of Health Sciences, is located in Buildings F and E of VinUniversity with an area of approximately 4,000 square meters.

Vision:

To be a leader in simulation-based medical education in Vietnam and in Asia, providing modern, up-to-date science- and technology-based simulation training solutions.

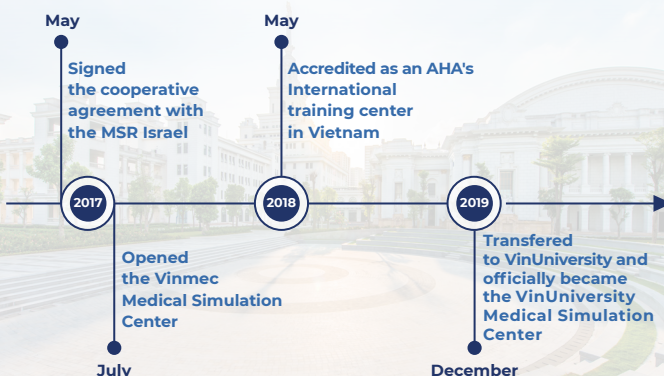
Mission:

To improve patient safety and the quality of healthcare in Vietnam through high-quality simulation-based training and assessment.



***Note regarding AHA's courses: AHA strongly promotes knowledge and proficiency in all AHA courses and has developed instructional materials for this purpose. Use of these materials in an educational course does not represent course sponsorship by the AHA. Any fees charged for such a course, except for a portion of fees needed for AHA course materials, do not represent income to the AHA

Milestones:





AHA'S HEARTSAVER

The AHA's Heartsaver courses are designed to prepare trainees to provide first aid, CPR, and use an AED in a safe, timely, and effective manner according to the official guidelines of AHA.



Certification:

- AHA Heartsaver provider certificate with 2-year validity
- If needed, learners could receive CME/CPD certificates which are valid nationwide in Vietnam.



Who should take this course?

- Healthcare professionals
- Health staff and lifeguards of hotels, resorts and entertainment areas
- Public and private safety/security employees
- Aerobics/fitness/sport instructors
- Pilots and flight attendants
- Teachers and other education institution staff
- Other personnel in need (a medical background is not required).



Course duration:

- HeartSaver First Aid: 1 day
- HeartSaver CPR AED: 1 day
- HeartSaver First Aid CPR AED: 2 days



Material:

Learners will be delivered official AHA's Heartsaver workbooks



Course content:

1. HeartSaver First Aid course:

- First Aid Basics
- Medical Emergencies
- Injury Emergencies
- Environmental Emergencies
- Preventing Illness and Injury

2. HeartSaver CPR AED course:

- Adult and Child CPR and AED use
- Infant CPR
- Adult, Child and Infant choking

3. HeartSaver First Aid CPR AED course:

Includes all of the above



Language of instruction:

Bilingual in English and Vietnamese with all teaching materials and videos in English.



Number of trainees per course: 18

How to register?

Online registration through

<https://vinuni.edu.vn/sim/registration/>

OR contact us at

simcenter@vinuni.edu.vn



AHA'S BASIC LIFE SUPPORT (BLS) PROVIDER COURSE

The AHA's BLS Provider Course offers a foundation for saving lives from cardiac arrest. It teaches both single-rescuers and teams about basic life support skills for application in both pre-hospital and in-facility environments, with a focus on high-quality CPR and team dynamics.



Certification:

- AHA BLS provider certificate with 2-year validity
- If needed, learners could receive CME/CPD certificates which are valid nationwide in Vietnam.



Who should take this course?

- Healthcare professionals
- Health staff and lifeguards of hotels, resorts and entertainment areas
- Public and private safety/security employees
- Aerobics/fitness/sport instructors, teachers
- Flight attendants
- Other personnel in need (a medical background is not required).



Course duration: 1.5 days



Material: Learners will be delivered official AHA's BLS Provider Manual



Course content:

- High-quality CPR for adults, children, and infants
- Importance of early use of an AED and demonstrate its use
- Effective ventilation by using a barrier device
- Relief of foreign-body airway obstruction (choking) for adults, children and infants
- Importance of team dynamics in multirescuer resuscitation and performance as an effective team member during multirescuer CPR



Language of instruction:

Bilingual in English and Vietnamese with all teaching materials and videos in English.



Number of trainees per course:

Maximum 18

How to register?

Online registration through

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AHA'S ADVANCED CARDIAC LIFE SUPPORT (ACLS) PROVIDER COURSE



Certification:

After completing a written and practical test, participants will receive an AHA ACLS provider certificate with 2-year validity.



Who should take this course?

Healthcare professionals who either direct or participate in the management of cardiopulmonary arrest or other cardiovascular emergencies, including physicians, nurses, paramedics, respiratory therapists, pharmacists and others as required by their employers.



**Course duration:**

- ACLS Provider Course: 2.5 days
- ACLS Provider Renewal: 1.5 days

*** ACLS Provider Renewal is for participants who still have a valid AHA's ACLS card in their possession on the day of the class.



Material: Learners will be delivered official AHA's ACLS Provider Manual

**Course content:**

- High-quality BLS, including early chest compressions and early automated external defibrillator (AED) use
- Recognition and early management of respiratory arrest, acute coronary syndromes (ACS), stroke, bradyarrhythmias, tachyarrhythmias and cardiac arrest until termination of resuscitation or transfer of care, including immediate post-cardiac arrest care
- Effective communication as a member and leader of a high-performing team.

**Language of instruction:**

Bilingual in English and Vietnamese with all teaching materials and videos in English.

**Number of trainees percourse:**

12 (maximum 14)

How to register?

Online registration through

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OR contact us at

simcenter@vinuni.edu.vn



AHA'S PEDIATRIC ADVANCED LIFE SUPPORT (PALS) PROVIDER COURSE



Certification:

After completing a written and practical test, participants will receive an AHA PALS provider certificate with 2-year validity.



Who should take this course?

Healthcare providers who either direct or participate in the management of respiratory and/or cardiovascular emergencies and cardiopulmonary arrest in pediatric patients.



Course duration:

- PALS Provider Course: 3 days
- PALS Provider Renewal: 2 days

*** PALS Provider Renewal is for participants who still have a valid AHA's PALS card in their possession on the day of the class.



Material: Learners will be delivered official AHA's PALS Provider Manual



Course content:

- Systematic approach to assessing and treating a seriously ill or injured infant/child
- High-quality Child CPR AED and Infant CPR per AHA BLS recommendations
- Recognition and management of cardiac arrest, respiratory distress and failure, shock and arrhythmias and post-cardiac arrest care
- Effective resuscitation team dynamics



Language of instruction:

Bilingual in English and Vietnamese with all teaching materials and videos in English.



Number of trainees per course:

12 (maximum 14)

How to register?

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COMMUNICATION SKILLS IN MEDICAL ENCOUNTERS

This is a unique simulation-based communication skills course using standardized patients in Vietnam. It has been comprehensively developed by MSR Israel which is one of the biggest medical simulation centers in the world. Through this course, trainees can experience a wide range of training activities and reality-based scenarios to achieve effective communication skills and strategies with their patients.



Who should take this course?

- Healthcare professionals, customer care and administrative staff of public and private health facilities
- Medical lecturers and students
- Other personnel in need



Course duration: 1 day



Language of instruction:

Vietnamese or English, depending on trainees' needs.



Course content:

- Difficulties in communication between patients and health professionals
- Effective communication skills and strategies in different situations:
 - Explaining the prognosis for patients and relatives
 - Announcing treatment plans/next steps
 - Delivering bad news
 - Confronting fastidiousness and demanding patients and their family members
- Introduction and application of communication skills models in medical encounters



Methodology:

- Experience simulation-based scenarios using a patient-centered approach
- Use standardized patients in simulation-based scenarios: directly interact and get feedback from standardized patients after each scenario
- Apply video-based debriefing to enhance the reflection, motivation, and performance of trainees
- Discuss, share and learn from the experience and demonstrations of peers and colleagues



Number of trainees per course: 10



How to register?

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