



Sahiwal Medical College, Sahiwal

Medical College Road, Sahiwal

05/DIR/DME/SLMC

Date 29/11/2025

Sahiwal Medical College (Aligned with UHS Lahore)

1. Framework Basis (UHS Alignment)

The MBBS curriculum of Sahiwal Medical College is based on the **outcome-based, modular integrated curriculum** prescribed by UHS. It incorporates:

- **Competency-based education**
- **Spiral integration (basic → clinical → applied)**
- **Early clinical exposure**
- **Community-oriented learning**
- **Seven-star doctor concept** (care provider, communicator, decision-maker, leader, manager, researcher, professional)

The curriculum ensures contextualization of **local health needs with global standards**

2. Program Learning Outcomes (PLOs) – SMC MBBS Graduate

At the end of 5 years, an SMC graduate will demonstrate the following competencies:

A. Medical Knowledge (Cognitive Domain)

The graduate will be able to:

1. Integrate knowledge of **basic, clinical, and behavioral sciences** in patient care
2. Explain **normal and abnormal structure & function** of the human body
3. Apply principles of:
 - Pathology
 - Pharmacology
 - Microbiology
 - Community Medicine
4. Interpret:
 - Laboratory investigations
 - Imaging



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- Diagnostic tests

Aligned with UHS integrated modular learning (no strict separation of preclinical/clinical years)

Clinical Skills & Patient Care

The graduate will be able to:

1. Take **complete and focused history**
2. Perform **systematic physical examination**
3. Formulate:
 - Differential diagnosis
 - Management plans
4. Perform essential clinical procedures:
 - IV cannulation
 - Basic life support (BLS)
 - Suturing
 - Catheterization
5. Manage:
 - Emergency cases
 - OPD & ward patients

Emphasis on **early and continuous clinical exposure** under UHS curriculum

C. Communication Skills

Graduate will:

1. Communicate effectively with:
 - Patients
 - Families
 - Healthcare teams
2. Demonstrate:
 - Empathy



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- Counseling skills

3. Deliver:

- Bad news ethically
- Health education messages

D. Professionalism & Ethics

Graduate will:

1. Practice according to:

- Medical ethics
- Islamic values
- Professional codes

2. Maintain:

- Confidentiality
- Respect for patient autonomy

3. Demonstrate:

- Accountability
- Integrity
- Lifelong learning attitude

Professionalism is a core pillar in UHS curriculum reforms

E. Community & Public Health Orientation

Graduate will:

1. Identify **community health problems** (e.g., maternal, child health, nutrition)

2. Participate in:

- Immunization programs
- Family planning services

3. Apply principles of:

- Epidemiology



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- Disease prevention

4. Conduct **field visits and community surveys**

Community-oriented education is explicitly emphasized in UHS curriculum

F. Research & Critical Thinking

Graduate will:

1. Understand:
 - Research methodology
 - Biostatistics
2. Critically appraise:
 - Scientific literature
3. Conduct:
 - Small-scale research projects
4. Practice:
 - Evidence-based medicine

G. Leadership & Teamwork

Graduate will:

1. Work effectively in **multidisciplinary healthcare teams**
2. Demonstrate:
 - Leadership
 - Decision-making
3. Manage:
 - Healthcare resources efficiently

H. Information Technology & Digital Health

Graduate will:

1. Use:



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- Electronic medical records

- Medical databases

2. Apply:

- Digital tools in diagnosis & learning

3. Practice telemedicine basics

I. Lifelong Learning & Self-Development

Graduate will:

1. Engage in **continuous professional development (CPD)**
2. Identify personal learning needs
3. Adapt to evolving medical knowledge

3. Phase-wise Outcome Alignment (UHS Model)

Phase I (Years 1–2: Foundation)

- Basic sciences integrated with clinical context
- Early patient exposure
- Outcome: **Conceptual understanding + basic clinical orientation**

Phase II (Years 3–4: Clinical Integration)

- System-based modules
- Clinical rotations
- Outcome: **Clinical reasoning & diagnostic skills**

Phase III (Year 5: Advanced Clinical Practice)

- Rotations (Medicine, Surgery, Pediatrics, Gynae, etc.)
- Increased responsibility in patient care
- Outcome: **Independent clinical competence**

Recent UHS revisions also emphasize **pediatrics and community health importance**

4. Skill-Based Outcomes (Mandatory Competencies)

SMC graduates must demonstrate:

- Basic Life Support (BLS)



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- Airway management

- Injection techniques
- Obstetric skills (normal delivery)
- Neonatal resuscitation
- Infection control practices

UHS mandates **life-saving emergency skills training** for all graduates

5. Assessment Outcomes Alignment

SMC ensures that:

- Assessment is **aligned with learning outcomes**
- Includes:
 - MCQs
 - OSCE/OSPE
 - Workplace-based assessment
- Continuous internal + summative exams

UHS ensures outcome-based assessment transparency and standardization

6. Institutional (SMC-Specific) Outcome Additions

To contextualize UHS guidelines, SMC may include:

- Focus on **rural healthcare delivery (Sahiwal region needs)**
- Exposure to:
 - THQ/DHQ hospitals
 - Primary healthcare centers
- Training in:
 - Resource-limited settings
 - Preventive medicine

7. Graduate Profile (Final Outcome Statement)

An SMC graduate will be:



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A **competent, ethical, community-oriented, and research-aware physician** capable of delivering **evidence-based, patient-centered care** in both **local and global healthcare settings**, in alignment with the standards of the University of Health Sciences Lahore.

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