



**FEU CAVITE**  
Basic Education Department

**Health and Science Allied (HSA)**

**SENIOR HIGH SCHOOL  
SY 2026-2027**



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Basic Education Department

## **Health and Science Allied (HSA)**

### **I. Pathway Overview Description**

The Health and Science Allied (HSA) Career Pathway prepares students for careers in healthcare, medical sciences, and allied health professions through a strong foundation in biological, chemical, and physical sciences. Learners develop scientific literacy, critical thinking, and research competencies essential for understanding human health, disease processes, and the broader healthcare system. The pathway emphasizes the integration of scientific knowledge with real-world health applications, enabling students to respond to contemporary health challenges.

The curriculum combines theoretical learning with practical experiences through laboratory work, research projects, and community-based engagements under the ACTIVE Way of Learning. Students are exposed to health-related concepts, scientific investigations, and basic healthcare practices, fostering both competence and compassion. The pathway also promotes ethical responsibility and uprightness in health-related contexts, preparing students for higher education and professional careers in medicine, nursing, and other science-based disciplines.

### **II. Pathway Objectives**

This pathway aims to:

1. Develop foundational knowledge in biological, chemical, and physical sciences
2. Build competence in scientific inquiry and research methodologies
3. Enhance understanding of human health, wellness, and disease processes
4. Apply scientific principles to real-world health and environmental issues
5. Promote ethical practice, compassion, and uprightness in health-related contexts
6. Prepare students for transition to tertiary programs in health and science disciplines



### **III. Pathway Outcomes**

Upon completion of this pathway, students shall be able to:

1. Explain fundamental concepts in biology, chemistry, and health sciences
2. Describe human anatomy, physiology, and basic disease processes
3. Conduct scientific investigations using appropriate research methods
4. Apply scientific knowledge to analyze health and environmental concerns
5. Utilize laboratory tools and techniques following safety protocols
6. Interpret scientific data and communicate findings effectively
7. Demonstrate basic health-related skills and awareness of safety practices
8. Integrate scientific and ethical perspectives in addressing health issues
9. Exhibit professionalism, compassion, and uprightness in health-related contexts

### **IV. College Programs & Career Opportunities**

This pathway prepares students for:

- Doctor of Medicine (MD)
- Bachelor of Science in Nursing
- Bachelor of Science in Medical Technology
- Bachelor of Science in Pharmacy
- Bachelor of Science in Nutrition and Dietetics
- Bachelor of Science in Physical Therapy
- Bachelor of Science in Occupational Therapy
- Bachelor of Science in Radiologic Technology
- Bachelor of Science in Public Health
- Bachelor of Science in Biology
- Bachelor of Science in Chemistry

### **V. Aligned Programs in FEU Cavite Higher Education Department**

- Bachelor of Science in Medical Technology
- Bachelor of Science in Nursing
- Bachelor of Science in Psychology

**VI. SAMPLE CURRICULUM (might be improved and changed before the opening of classes of SY 2026-2027)**

Grade 11	
1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester
Effective Communication/ Mabisang Komunikasyon	
General Mathematics	
Pag-aaral ng Kasaysayan at Lipunang Pilipino	
Life and Career Skills	
General Science	
Biology 1	Biology 2
Chemistry 1	Chemistry 2

Grade 12		
1 <sup>st</sup> Term	2 <sup>nd</sup> Term	3 <sup>rd</sup> Term
Citizenship and Civic Engagement (with MAIL)	Fundamentals of Data Analytics for Health Allied	Work Immersion ( 360 hours)
Fundamentals of Basic Life Support	Design and Innovation	
Biology 3	Biology 4	
Research 1	Research 2	

**VII. CONTACT DETAILS**

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