

WELCOME PARENTS AND STUDENTS



HEALTH ACADEMY SPOTLIGHT



Academy of

Health Careers
at Seminole High School

AGENDA

Welcome - *Dr Michelle Backel*

Academy of Health Careers (AOHC) Overview - *Dr Michelle Backel*

Introduction of Biomedical Science Program – *Lisa Johnson*

SHS Curriculum / AOHC requirements / Registration process - *Kimberly Jackson*

Town Hall Q&A - *Health Academy Ambassadors*

Final Questions – *AOHC Faculty and Staff*

SEMINOLE HIGH SCHOOL

- **Two magnet schools and traditional school on campus**
- **Annually ranked in the U.S. News and World Report High School Rankings**
- **Servicing over 4000 students**
- **Course offerings:**

Honors Classes – 70

Advanced Placement classes – 29

International Baccalaureate Class – 27





AOHC OVERVIEW



- Strong partnerships with the health care industry, the community, and the institutes of higher education. (Seminole State College, University of Central Florida, Adventist, Orlando Health)
- Academy graduates earn a diploma with specific magnet distinction and a medal.
- Academy seniors may earn a Health Science Portfolio which signifies successful completion of the National Health Care Skills Standards as specified by the Florida Department of Education, and National Consortium of Health Science and Technology Education.



TWO Programs to choose from!

Pathway 1 - Patient Care- *for students who want to work with patients*

Year 1 - Health Science Foundations (Med Skills)

Years 2 and 3- students will take one health science course each year

Year 4- students will take TWO health science courses



Patient Care Pathway

Junior Year- clinical hours on and off site as set by the DOE

Senior year - clinical hours on and off site as set by DOE and Board of Nursing (CNA)

Industry Certification Exams

(CNA, EKG, Patient Care Tech, and CMAA)

Career Pathways Testing for SSC

Introduction to Health Care

Pathway 2- Research based - Biomedical -

for students who want to research solutions

Year 1- Principles of Biomedical Science

Year 2- Human Body Systems

Year 3- Medical Interventions

Year 4- Biomedical Innovations



“Whether discovering new cancer treatments or teaching healthy lifestyle choices to their communities, today’s biomedical science professionals are tackling big challenges to make the world a better place.

Working with the same tools used by professionals in hospitals and labs, students engage in compelling, hands-on activities and work together to find solutions to problems.” -Project lead the Way

“As a biomedical science major, you may go on to make advancements in the study of cancer or AIDS and become involved in the research of infectious diseases or propel science toward improving the human condition in any of hundreds of other ways. Get set to make a scientifically sound difference in the health of living beings.” Princeton Review

According to Bureau of Labor Statistics,
“Employment of medical scientists is projected to grow 8% from 2018 to 2028, faster than the average for all occupations.”

Senior year- present medical research to a professional panel

Certifications - Bio Technician Assistant - end of junior year



Health Academy PROGRAM FEATURES

- Curriculum with health care topics integrated into academic courses
- Rigorous academic preparation for career and college bound students
- Advanced Placement courses
- Dual Enrollment courses
- Honors and Standard courses
- Blended program with common student scheduling
 - Closely resembles cohort model

And more HA Features...

- State-of-the-art laboratories
- Vital Simulator Manikin, integrating technology with health care scenarios
- Award winning faculty with health care experience and credentials
- Intensive student supports



Even more HA features...

- Health Science courses which provide the “first building blocks” of health care preparation
- State certifications
- Hands on clinical experience in area hospitals, medical offices, emergency medicine facilities, veterinary health care sites including the Central Florida Zoo
- Career exposure through job shadow & clinical experiences
- SSC partnership for 3 credit hours



Registration Process for 2020-2021

- If you are NOT an SCPS student already...
- Important dates for AOHC and course registration



9th Grade Center

- Mrs. Washington Director, 9TH grade center
- Overview of 9th grade center



REQUIRED CURRICULUM

- 4 English
- 4 Math
- 4 Science
- 4 Social Studies
- 2 Foreign Language (minimum)
- 1 Physical Education
- 1 Fine Arts
- 1 Health Science course (grades 9-11)
- Double-block Health Science classes for seniors
- Students must take an online high school course



Curriculum Area	Grade 9
Language Arts	English 1 English 1 Honors
Social Sciences	World History World History Honors (Optional) AP Human Geography
Mathematics	Algebra 1 Algebra 1 Honors OR Geometry Geometry Honors OR Algebra 2 Algebra 2 Honors
Sciences	Environmental Science OR Biology Biology Honors *AP Biology OR Chemistry Chemistry Honors
World Languages	World Language 1 or 2

9th Grade core courses

TOWN HALL QUESTIONS AND ANSWERS - AOHC Ambassadors and Staff



15:00

CONTACT INFORMATION

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