

Medical Science Classes:

Health & Career Planning- (2 semesters)

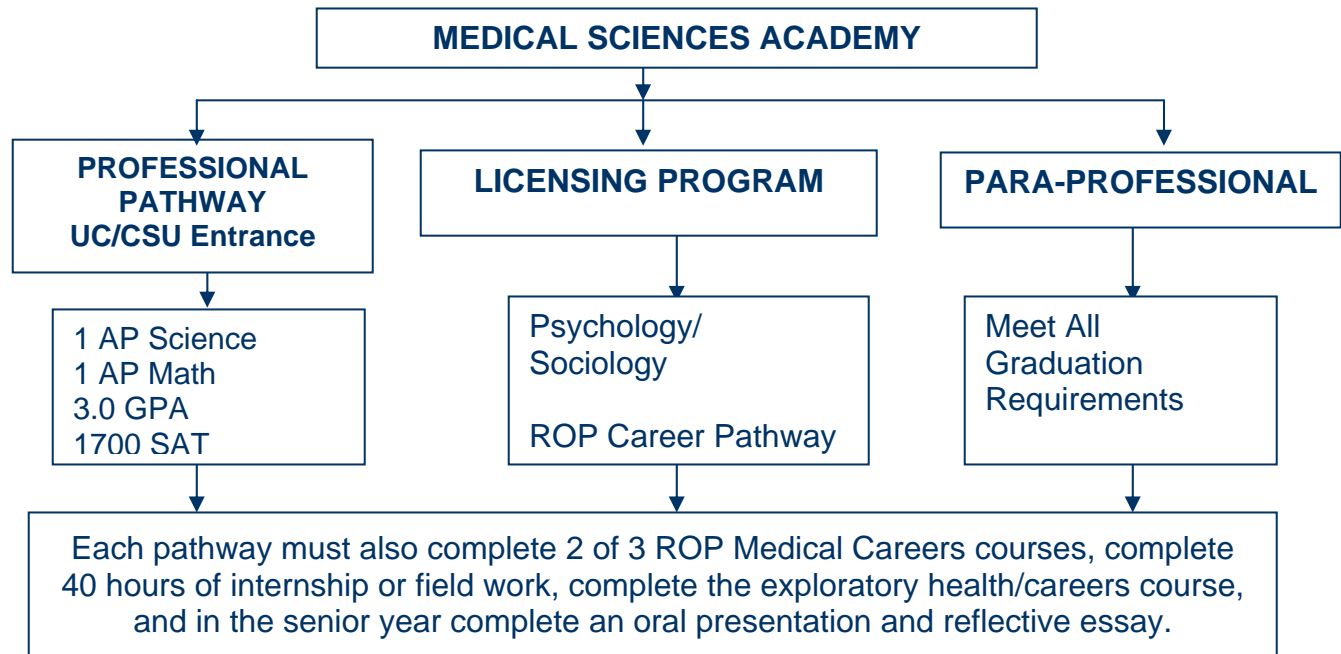
- Body Systems
- Individual Growth & Development
- Health & Safety
- Nutrition
- Communicable & Chronic Diseases
- Medical Terminology & Abbreviations
- Legal & Ethical Issues
- Socio-Economic Issues
- Medical Career Choices

Health & Career Planning meets health graduation requirement. Only ninth graders will be admitted.

Medical Careers 1- (2 semesters)

- The Human Body: Anatomy/ Physiology
- Vital Signs
- Body Mechanics
- CPR
- Emergency First Aid
- Health Care Provider Roles & Responsibilities
- Advanced Medical Terminology
- Health History
- Patient Care Skills & Practices
- Therapeutic Communications
- Career Exploration in Hospitals, Health Centers & Clinics

All students may apply.



Medical Careers II-

(2 semesters- Meets UC-g elective credit requirements)

- Anatomy & Physiology
- The Human Body: Disease & Pathology
- Medical Interventions
- Advanced Medical Terminology
- Research & Technology

Med Careers III, Medical Assisting: Clinical (Back Office)

(2 semesters: pre-requisite A or B in Med I or Med II and instructor's approval)

- Theory of Medicine
- Universal Precautions
- Medicine Administration (including injections and pharmacology, EKG's, venipuncture, and basic lab procedures)

Medical Sciences Academy Mission:

To prepare students for:

- A variety of medical careers
- Successful transition to colleges and universities
- Immediate employment
- Industry certification
- Career portfolio development and presentation



How to Enroll:

See your counselor or your Career Guidance Specialist at Esperanza High School to enroll in this program.



Student Leadership Opportunities:

Join the North Orange County ROP's prizewinning HOSA (Health Occupations Students of America) teams! The student health careers organizations have a national membership of over 100,000.



Career Advancement/ Higher Education

<u>Vocational Nursing:</u>	<u>N Orange County ROP</u>
<u>Registered Nursing:</u>	<u>Cypress College</u> <u>Golden West College</u> <u>Saddleback College</u> <u>Santa Ana College</u>
<u>Bachelor of Nursing:</u>	<u>CSU Fullerton</u> <u>UC Irvine</u>
<u>Pre-Med:</u>	<u>UC Irvine</u>
<u>Health Information Specialist:</u>	<u>Cypress College</u>
<u>Kinesiology:</u>	<u>CSU Fullerton</u>
<u>Nutrition/ Dietetics:</u>	<u>Santa Ana College</u>
<u>Paramedic:</u>	<u>Saddleback College</u>
<u>Pharmaceutical Sciences:</u>	<u>UC Irvine</u>
<u>Pharmacy Tech:</u>	<u>N Orange County ROP</u>
<u>Physical Therapy:</u>	<u>Orange Coast College</u>
<u>Public Health:</u>	<u>CSU Fullerton</u> <u>UC Irvine</u>
<u>Radiology/ Sonography:</u>	<u>Orange Coast College</u> <u>Cypress College</u>
<u>Respiratory Therapy:</u>	<u>Orange Coast College</u>

Career Snapshot

Registered Nurse:

\$27- \$35 per hr.

Respiratory Therapist:

\$23- \$32 per hr.

Health Info Specialist:

\$22- \$28 per hr.

Licensed Vocational Nurse (LVN):

\$16- \$20 per hr.

Paramedic:

\$16- \$25 per hr.

Medical Assistant Back Office:

\$10- \$13 per hr.



Medical Sciences Academy



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