

# HEALTH SCIENCES

*Program Purpose: Students who complete Health Sciences courses will acquire basic skills necessary to succeed in medical programs, such as Nursing, Emergency Medical Technician, Radiologic Technology, and Nuclear Medicine.*

A Health Science career represents excellent employment opportunities in the ever expanding fields of health services and research.

## PRE-PROFESSIONAL PROGRAMS

### Dental, Medical, Physical Therapy or Veterinary

Moorpark College offers courses which generally meet the basic education requirements for professional schools. These schools generally require a Bachelor's Degree for admission. Students are advised to determine and satisfy specific requirements for the professional school to which they expect to apply by consulting a counselor and the school catalog.

The general lower-division course requirements for these schools commonly include: BIOL M02A, M02AH, M02B; CHEM M01A, M01B, plus one year of organic chemistry; MATH M07, (MATH M25A (H)/B recommended); PHYS M10A/ M10AL, M10B/M10BL.

The general lower-division course requirements for veterinary school the requirements are: BIOL M02A; M02AH; CHEM M01A, M01B; ENGL M01A, M01AH, M01B, M01BH; MATH M15, MATH M15H; PHYS M10A/M10AL; ZOO M01; (Additional lowerdivision Chemistry after transfer), 8 units of Humanities/Social Sciences.

### HS M15 Pharmacology 3 Units

*Same-As:* NS M20

*In-Class Hours:* 52.5 lecture

*C-ID:* HIT 107X

Establishes a foundation for understanding future developments in drug therapy and for administering drugs efficiently and safely. Identifies pharmacology principles, basic pharmacological terminology and concepts, drug categories and their uses, drug mechanisms of action, as well as drug dosages, drug forms, routes of administration, and common generic and trade name medications. Applies drug information and mathematical calculations performed in clinical settings.

**Catalog Notes:** Provider approved by the California Board of Registered Nursing, provider number CEP 02811 for 45 contact hours.

*Advisories/Rec Prep:* ANAT M01 and PHSO M01, or ANPH M01

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

### HS M20 Health Science Careers 2 Units

*In-Class Hours:* 35 lecture

Reviews current status of health care industry. Explores health science careers and opportunities in employment, internships and volunteer work. Begins the preparation into a health career education. Includes individual assessment of aptitude and career interest.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

### HS M23 Pharmacology for Allied Health Professionals 2 Units

*In-Class Hours:* 35 lecture

*C-ID:* HIT 107X

Introduces pharmacology to allied health professionals. Includes basic pharmacological terminology and concepts, and common generic and trade name medications.

**Catalog Notes:** This course does not include medication dosage calculations.

*Advisories/Rec Prep:* NS M19 Medical Terminology

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

### **HS M80 Internship in Health Sciences 1-4 Units**

*In-Class Hours:* 75-300 paid cooperative

*Prerequisites:* Completion of or concurrent enrollment in one course in the discipline and instructor approval. OTHER: To take this course, contact the Career Transfer Center. Requires orientation sessions. Students receive one unit of credit for each 60 hours unpaid or 75 hours paid work. May enroll in up to 4 units a semester with a maximum of 16 total units of any type of work experience

Provides on-the-job learning to develop effective work habits, attitudes, and career awareness in paid or unpaid internships that are related to the discipline. Involves the development and documentation of learning objectives and the completion of an internship paper, presentation, or project. Includes both workplace supervisor and faculty adviser feedback and/or written evaluations.

*Enrollment Limitations:* 1. Compliance with the requirements of the internship site. These requirements may include but are not limited to: health, grooming, mental and physical requirements, drug and alcohol clearance, criminal background check clearance. 2. Completion of or concurrent enrollment in one course in the discipline and instructor approval.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Course may be taken up to 3 times for credit.

**Credit Limitations:** .

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

- Health Sciences, Associate in Arts (<http://catalog.vcccd.edu/moorpark/programs-courses/health-sciences/health-sciences-aa/>)

## **Dean**

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## **Counselors**

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