

# Nursing Science

*Program Purpose: The mission of the Nursing Science program is to prepare graduates with the knowledge, skills, and attitudes essential to the function of Registered Nurses in common and emerging healthcare settings.*

The nationally accredited Associate Degree in Nursing (ADN) is intended to develop the necessary knowledge, skills, and attitudes essential to the function of Registered Nurses in the direct care of patients. The nursing program is approved by the California State Board of Registered Nursing (BRN). Contact information for BRN: P.O. Box 944210, Sacramento, California 94244-2100 ([www.rn.ca.gov](http://www.rn.ca.gov)).

## NATIONAL ACCREDITATION

The Associate Degree nursing program at Moorpark College located in Moorpark, California is accredited by the Accreditation Commission for Education in Nursing (ACEN), 3390 Peachtree Road NE, Suite 1400, Atlanta, GA 30326, (404) 975-5000.

The most recent accreditation decision made by the ACEN Board of Commissioners for the Associate Degree nursing program is Continuing Accreditation.

View the public information disclosed by the [ACEN](http://www.acenursing.us) regarding the program at <http://www.acenursing.us/accreditedprograms/programSearch.htm>

## U.S. DEPARTMENT OF EDUCATION DISCLOSURE

The Moorpark College Associate Degree Nursing Program meets the state education requirements for a Registered Nursing license in the state of California. Moorpark College has not determined if the Associate Degree Nursing Program at Moorpark College meets the state education requirements in any other state, any U.S. Territory, or the District of Columbia.

### + Application Procedure

### - Admission Requirements

#### Step 1: Qualifying Requirements

The student must demonstrate evidence of High School graduation or General Education Development (GED) Exam with an Overall Status of "Pass" or successfully passing the California

High School Proficiency Exam (CHSPE), or an earned college degree, to be eligible and considered for the Nursing Science Program. Additionally, the student must earn an overall GPA of 2.5 or higher in all college course work.

## Step 2: Prerequisite Courses

These required prerequisite courses must be completed prior to the application process. Students must successfully complete the prerequisite courses with a letter grade of “C” or better to be eligible and considered for the Nursing Science Program.

| Course ID                     | Title                             | Units/Hours |
|-------------------------------|-----------------------------------|-------------|
| <a href="#">ENGL M01A</a>     | English Composition               | 4           |
| or <a href="#">ENGL M01AH</a> | Honors: English Composition       |             |
| MATH <sup>1</sup>             |                                   |             |
| <a href="#">ANAT M01</a>      | Human Anatomy <sup>2</sup>        | 4           |
| And                           |                                   |             |
| <a href="#">PHSO M01</a>      | Human Physiology <sup>2</sup>     | 4           |
| or <a href="#">PHSO M01H</a>  | Honors: Human Physiology          |             |
| <a href="#">MICR M01</a>      | General Microbiology <sup>2</sup> | 5           |

- 1 Two years of high school algebra with a grade of B or better or [MATH M03](#) Intermediate Algebra (Units: 5) or higher
- 2 [ANAT M01](#) Human Anatomy (Units: 4), [PHSO M01](#) Human Physiology (Units: 4)/[PHSO M01H](#) Honors: Human Physiology (Units: 4), and [MICR M01](#) General Microbiology (Units: 5) must be taken within seven years of application date.

## Step 3: General Education (GE) Courses

These GE courses are recommended to be taken prior to the last two semesters of the Nursing Program. The required GE courses are essential to earn the Associate of Science Degree in Nursing and to be eligible to take the National Council Licensure Examination for the Registered Nurse (NCLEX-RN). These courses must be completed with a letter grade of “C” or better.

| Course ID               | Title | Units/Hours |
|-------------------------|-------|-------------|
| <b>Required Courses</b> |       |             |

| Course ID  | Title  | Units/Hours |
|--|--|-------------|
| <a href="#">PSY M01</a><br>or <a href="#">PSY M01H</a>   | Introduction to Psychology<br>Honors: Introduction to Psychology   | 3           |
| <a href="#">COMM M01</a>                                 | Public Speaking  | 3           |
| Select one of the following:                             |  |             |
| <a href="#">SOC M110</a><br>or <a href="#">SOC M110H</a> | Introduction to Sociology<br>Honors: Introduction to Sociology   | 3           |
| <a href="#">ANTH M02</a>                                 | Cultural Anthropology  |             |
| Physical Science:  |  |             |
| <a href="#">CHEM M11</a>                                 | Foundations of General, Organic, and Biochemistry (recommended for transfer to CSUCI BSN) Foundations of General, Organic, and Biochemistry) |             |
| American History/Institutions:                           |  |             |
| U.S. History or Political Science                        |  | 3           |
| Communication and Analytical Thinking:                   |  | 5           |
| <a href="#">MATH M03</a>                                 | Intermediate Algebra (minimum )  |             |
| <a href="#">MATH M15</a>                                 | Introductory Statistics (recommended for transfer to BSN)  |             |
| Fine or Performing Arts:                                 |  |             |
| Course of Choice   |  | 3           |
| Humanities:  |  |             |
| Course of Choice   |  | 3           |
| Kinesiology:   |  |             |
| Course of Choice   |  | 1           |
| <b>Total Units</b>                                       |  | <b>24</b>   |

## - Program Requirements

Admission is dependent on clearance of:

- Background check and drug screening.
- A Physical Exam documented on the Moorpark College Nursing Health Appraisal form, which considers the student free from communicable diseases and able to function in a hospital and clinical settings.
- Proof of Immunity to rubella, mumps, rubeola, hepatitis B, and varicella.
- Tuberculosis clearance
- Current vaccinations as required by the clinical agencies, including flu vaccination, Covid-19 vaccination and booster(s)
- Evidence of physical and emotional fitness upon admission and throughout the program is expected and is subject to the medical opinion of the college physician and to the medical opinion or policy of hospitals or agencies used at clinical sites.
- Current Cardiopulmonary Resuscitation (CPR) BLS Provider card by the American Heart Association.
- Current Los Angeles City Hospital Fire and Life Safety Card.
- Social Security or Individual Taxpayer Identification Number
- Proof of current health insurance.
- Proof of current student nurse liability insurance.
- Clear criminal background check and drug screening with fee paid by student and completed through an agency approved by the Health Sciences Department before placement into a clinical site. Marijuana and its derivatives are not allowable substances. The Health Sciences Department is unable to place students in clinical settings if they have a positive criminal background check (must have a clearance of seven years) or drug screen due to requirements of affiliated clinical sites. Therefore, the student will not be able to complete the required program of courses.
- Once in the program, students are required to verify every eight weeks: health, clear criminal background status, and drug screen clearance and maintenance of current American Heart Association CPR card, immunizations, and health and liability insurances.

## + Ethical Expectations

## + Performance Standards

## + Travel Expectations

## + Technology/Computer Expectations

- + **Program Completion**
- + **Program Costs**
- + **Advanced Placement**
- + **LVN to RN Thirty-Unit Option (BRN 1429)**
- + **Transfer for Bachelor of Science Degree Nursing (BSN)**
- + **Continuing Education**

### **NS M01 Beginning Nursing Science 4 Units**

*In-Class Hours:* 70 lecture

*Corequisites:* [NS M01L](#)

*Enrollment Limitations:* Criminal background clearance. Current negative TB test or chest x-ray. Drug and alcohol clearance. No acrylic or long nails in clinical settings. No visible tattoos or visible body piercings except single studs in earlobes. Physical examination demonstrating general good health. Proof of freedom from and immunity to communicable diseases. Admission to the Moorpark College Nursing Program. CPR BLS Provider card from American Heart Association only. Los Angeles City Hospital Fire and Life Safety card. Current health insurance. Current student nurse liability insurance. Social security number.

Part 1: Provides the theoretical concepts of patient-centered, evidence-based, fundamental nursing care of adult and geriatric patients using the nursing process related to health promotion and self-care deviations in common and emerging healthcare settings. Presents the foundations of nursing practice and the nursing process, legal and ethical frameworks, diversity, head-to-toe assessment and documentation addressing all body systems for the adult and geriatric client, theoretical concepts of skills associated with activities of daily living, maintenance of a safe environment, and growth and nutrition. Part 2: Provides the theoretical concepts of patient-centered, evidence-based beginning medical-surgical nursing care of adults using the nursing process related to health promotion and self-care deviations in common and emerging healthcare settings. Presents the concept of care pertaining to medication administration, the perioperative period, comfort, pain, diabetes mellitus, and care of patients with basic health deviations of the cardiovascular system, and health deviations of the musculoskeletal system.

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

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

### **NS M01L Beginning Nursing Lab I 4.5 Units**

*In-Class Hours:* 236.25 laboratory

*Prerequisites:* Admission to the Moorpark College Nursing Program that requires completion of program prerequisites and requirements

*Corequisites:* [NS M01](#)

*Enrollment Limitations:* Admission to the Moorpark College Nursing Program that requires completion of program prerequisites and requirements.

*Materials Fee:* \$89.26

Part 1: Applies fundamental, patient-centered, evidence-based nursing care to simulated patients in the skills lab setting and one selected adult/geriatric patient in extended, rehabilitation, or acute care settings using the nursing process related to health promotion and self-care deviations. Focuses on practice and demonstration of communication, physical assessment, activity of daily living, identification of actual and potential health deviations, and documentation of the nursing process.

Part 2: Applies beginning medical-surgical, patient-centered, evidence-based nursing care to 1-2 adult patients with common, acute, and chronic healthcare needs in the acute care setting using the nursing process related to health promotion and self-care deviations. Focuses on medication administration, IV maintenance, application of safety/technical skills, the nursing process, communication, responsibility and accountability, and organization and prioritization. Materials Fee: There is a materials fee for a Nurse Pack for the course. The fee varies based on market value.

**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

### **NS M02 Intermediate Nursing Science I 5 Units**

*In-Class Hours:* 87.5 lecture

*Prerequisites:* [NS M01](#) and [NS M01L](#)

*Corequisites:* [NS M02L](#)

*Enrollment Limitations:* Criminal background clearance. Current negative TB test or chest x-ray. Drug and alcohol clearance. No acrylic or long nails in clinical settings. No visible tattoos or visible body piercings except single studs in earlobes. Physical examination demonstrating general good health. Proof of freedom from and immunity to communicable diseases. Admission to Moorpark College

Nursing Program. CPR BLS Provider from American Heart Association only. Los Angeles City Hospital Fire and Life Safety card. Current health insurance. Current student nurse liability insurance. Social security number.

Part 1: Provides the theoretical concepts of patient-centered, evidence-based nursing care of maternity and pediatric patients using the nursing process related to health promotion and self-care deviations in common and emerging healthcare setting. Part 2: Provides theoretical concepts of patient-centered, evidence-based nursing intermediate medical/surgical nursing care using the nursing process to adult patients with health deviations including basic respiratory, peripheral vascular disease, hematology and oncology, and basic gastrointestinal disease processes in common and emerging healthcare settings.

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

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

### **NS M02L Intermediate Nursing Lab I 4.5 Units**

*In-Class Hours:* 236.25 laboratory

*Prerequisites:* [NS M01](#) and [NS M01L](#)

*Corequisites:* [NS M02](#)

Part 1: provides the application of patient-centered, evidence-based nursing care to 1-2 mother/newborn couplets for maternity and 1-2 pediatric clients using the nursing process related to health promotion and deviations in common and emerging healthcare settings. Part 2: provides the application of patient-centered, evidence-based intermediate medical/surgical nursing care to 2 adult patients with common, acute, and chronic healthcare needs in common and emerging healthcare settings using the nursing process related to health promotion and self-care deviations.

**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

### **NS M03 Intermediate Nursing Science II 5 Units**

*In-Class Hours:* 87.5 lecture

**Prerequisites:** [NS M02](#) and [NS M02L](#), and admission to Nursing Program and completion of Nursing Program prerequisites

**Corequisites:** [NS M03L](#)

**Enrollment Limitations:** Criminal background clearance. Current negative TB test or chest x-ray. Drug and alcohol clearance. No acrylic or long nails in clinical settings. No visible tattoos or visible body piercings except single studs in earlobes. Physical examination demonstrating general good health. Proof of freedom from and immunity to communicable diseases. Admission to the Moorpark College Nursing Program. CPR BLS Provider card from American Heart Association only. Los Angeles City Hospital Fire and Life Safety card. Current health insurance. Current student nurse liability insurance. Social security number.

Part 1: Provides the theoretical concepts of patient-centered, evidence-based intermediate medical-surgical nursing care of adult patients with common to complex, acute, and chronic healthcare needs using the nursing process related to health promotion and self-care deviations in common and emerging healthcare settings. Includes concepts of care of patients with healthcare deviations of the renal/urinary, male reproductive, endocrine, advanced gastrointestinal, and neurologic systems. Part 2: Provides the theoretical concepts of patient-centered, evidence-based nursing care to psychiatric and geriatric patients using the nursing process related to health promotion and self-care deviations in common and emerging healthcare setting.

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

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

### **NS M03L Intermediate Nursing Science Clinical Laboratory II 4.5 Units**

**In-Class Hours:** 236.25 laboratory

**Prerequisites:** [NS M02](#) and [NS M02L](#)

**Corequisites:** [NS M03](#)

**Enrollment Limitations:** Admission to Nursing Program and completion of Nursing Program prerequisites. .

Part 1: Provides the application of patient-centered, evidence-based intermediate medical-surgical nursing care to 2-3 adult patients with common to complex, acute, and chronic health care needs in the acute care setting using the nursing process related to health promotion and self-care deviations. Part 2: Provides the application of patient-centered, evidence-based nursing care to psychiatric and geriatric patients in the acute and community health care settings using the nursing process related to health promotion and self-care deviations.

**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

### **NS M04 Advanced Nursing Science 4 Units**

*In-Class Hours:* 70 lecture

*Prerequisites:* [NS M03](#) and [NS M03L](#)

*Corequisites:* [NS M04L](#)

*Enrollment Limitations:* Criminal background clearance. Current negative TB test or chest x-ray. Drug and alcohol clearance. No acrylic or long nails in clinical settings. No visible tattoos or visible body piercings except single studs in earlobes. Physical examination demonstrating general good health. Proof of freedom from and immunity to communicable diseases. Admission to the Moorpark College Nursing Program. CPR BLS Provider card from American Heart Association only. Los Angeles City Hospital Fire and Life Safety card. Current health insurance. Current student nurse liability insurance. Social security number.

Part 1: Provides theoretical concepts of patient-centered, evidence-based nursing care to adult patients with common to complex, acute, and chronic healthcare needs using the nursing process related to health promotion and self-care deviations in emerging healthcare settings. Part 2: Provides the theoretical concepts of nursing leadership and management in common and emerging healthcare settings.

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

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

### **NS M04L Advanced Nursing Science Clinical Laboratory 4.5 Units**

*In-Class Hours:* :236.25 laboratory

*Prerequisites:* [NS M03](#) and [NS M03L](#)

*Corequisites:* [NS M04](#)

*Enrollment Limitations:* Admission to Nursing Program and completion of Nursing Program.

Part 1: Provides application of patient-centered, evidence-based nursing care to 1-6 adult patients with common to complex, acute, and chronic healthcare needs in the acute care setting using the nursing process related to health promotion and self-care deviations. Part 2: Provides the application

of patient-centered, evidence-based nursing care to patients in a precepted acute care environment using the nursing process related to health promotion and self-care deviations.

**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

### **NS M05L Nursing Science Clinical Review 4.5 Units**

*In-Class Hours:* 236.25 laboratory

*Prerequisites:* [NS M03L](#)

*Enrollment Limitations:* Admission to the Nursing Program and approval by the Health Sciences Coordinator.

Provides structured remediation for returning intermediate to advanced nursing students in the application of patient-centered, evidence-based nursing care to 2-3 adult patients, in the acute care setting, with common to complex, acute, and chronic healthcare needs. Utilizes the nursing process related to health promotion and self-care deviations.

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

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

### **NS M09 Basic Skills: Health Care Professional 0.5 Units**

*Formerly:* HS M16R

*Same-As:* [RADT M09](#)

*In-Class Hours:* 26.25 laboratory

*Corequisites:* [RADT M10A](#) and [RADT M10B](#)

*Enrollment Limitations:* Criminal background clearance. Current negative TB test or chest x-ray. Drug and alcohol clearance. No acrylic or long nails in clinical settings. No visible tattoos or visible body piercings except single studs in earlobes. Physical examination demonstrating general good health. Proof of freedom from and immunity to communicable diseases. Admission to the Moorpark College Radiologic Technology Program BLS CPR card from American Heart Association only Los Angeles City Hospital Fire and Life Safety Card Proof of health insurance Proof of professional Liability insurance.

Provides basic knowledge of client care skills to those preparing for a career in the health care field such as a Radiographer. Focuses on the essential principles and practices of safe effective care in this constantly changing medical field. Integrates safety, communications, documentation, and cultural diversity throughout the course.

**Grade Modes:** Letter Graded

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

### **NS M11 Nursing Skills Laboratory I 1 Unit**

*In-Class Hours:* 52.5 laboratory

*Prerequisites:* Prior or concurrent enrollment in a registered nursing program course

Provides application of theory from beginning nursing science. Utilizes simulated clinical experience, computer-assisted instruction, audio-visual aids, case study discussions, and individualized remediation.

**Catalog Notes:** Open-lab structure allows individually arranged lab hours.

**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

### **NS M12 Nursing Skills Laboratory II 1 Unit**

*In-Class Hours:* 52.5 laboratory

*Prerequisites:* Prior or concurrent enrollment in a registered nursing program course

Provides application of theory from intermediate nursing science. Utilizes simulated clinical experience, computer-assisted instruction, audio-visual aids, case study discussions, and individualized remediation.

**Catalog Notes:** Open-lab structure allows individually arranged lab hours.

**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

### **NS M13 Nursing Skills Laboratory III 1 Unit**

*In-Class Hours:* 52.5 laboratory

*Prerequisites:* Prior or concurrent enrollment in a registered nursing program course

Provides application of theory from intermediate to advanced nursing science. Utilizes simulated clinical experience, computer-assisted instruction, audio-visual aids, case study discussions, and

individualized remediation.

**Catalog Notes:** Open-lab structure allows individually arranged lab hours.

**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

### **NS M14 Nursing Skills Laboratory IV 1 Unit**

*In-Class Hours:* 52.5 laboratory

*Prerequisites:* Prior or concurrent enrollment in a registered nursing program course

Provides application of theory from advanced nursing science. Utilizes simulated clinical experience, computer-assisted instruction, audio-visual aids, case study discussions, and individualized remediation.

**Catalog Notes:** Open-lab structure allows individually arranged lab hours.

**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

### **NS M15 Role Transitions: LVN to RN 1 Unit**

*In-Class Hours:* 17.5 lecture

*Corequisites:* [NS M02](#)

Focuses on preparing the Licensed Vocational Nurse (LVN) for re-entry into the student role and the transition into the new role as a Registered Nurse (RN). Assists the students to reflect on this changing role and to practice skills needed to become a successful student. Stresses the difference between the LVN and RN as care provider, leader, teacher and patient advocate. Emphasizes the development of critical thinking skills utilized in the nursing process.

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

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

### **NS M16 Study Skills for Nursing Students 3 Units**

*In-Class Hours:* 52.5 lecture

Introduces skills that promote the academic preparation of pre-nursing students. Develops techniques for improving study skills, communication, time management, test-taking, reading comprehension, critical thinking, and math skills for dosage calculations. Emphasizes creating a framework for success in preparation for becoming a nursing student.

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

**Degree Applicability:** Not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

### **NS M17 Healthcare Ethics 3 Units**

*Formerly:* HS M17; PHIL M17

*Same-As:* [RADT M17](#)

*In-Class Hours:* 52.5 lecture

Introduces theoretical and applied ethics as they relate to problems in medicine, healthcare, and the human life sciences. Examines foundational moral principles and the main moral theories. Provides an introduction to ethics in general, a foundation for understanding legal implications in healthcare and a framework for analyzing and resolving ethical problems through the application of ethical principles and critical thinking.

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

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** C2

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

### **NS M18 Nursing Skills Summer Lab 1 Unit**

*In-Class Hours:* 52.5 laboratory

*Prerequisites:* Prior or concurrent enrollment in a registered nursing program course

Provides application of theory from nursing science. Utilizes simulated clinical experience, computer-assisted instruction, audio-visual aids, case study discussions, and individualized remediation. Open-lab structure allows individually arranged lab hours.

**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

**NS M19 Medical Terminology 3 Units**

*Formerly:* HS M19

*In-Class Hours:* 52.5 lecture

*C-ID:* HIT 103X

Prepares students for healthcare careers with a focus on understanding and communicating medical information. Teaches the language of medicine, focusing on medical terminology. Assists the student in learning medical terms related to anatomy, physiology, diseases, diagnoses, pharmacology, therapeutics and common abbreviations.

**Grade Modes:** Letter Graded, Credit by exam, license etc., 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

**NS M20 Pharmacology 3 Units**

*Same-As:* [HS M15](#)

*In-Class Hours:* 52.5 lecture

*C-ID:* HIT 107X

Introduces mechanisms and uses of currently available drugs, establishing a foundation for understanding future developments in drug therapy and for administering drugs efficiently and safely. 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.

**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

**NS M25 Basic Pathophysiology 4 Units**

*Formerly:* HS M25

*In-Class Hours:* 70 lecture

*Advisories/Rec Prep:* [ANAT M01](#) and [PHSO M01](#) OR [PHSO M01H](#)

*C-ID:* HIT 105X

Introduces the fundamentals of pathophysiology, focusing on physiologic changes and altered functions resulting from disease processes. Applies principles of anatomy, physiology, and chemistry as the foundation for study of the pathogenesis of various disorders. Explores clinical manifestations, diagnostic approaches, preventative measures, and current therapeutic regimens of selected disorders.

**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

### **NS M30 Basic Cardiac Dysrhythmia Interpretation 1.5 Units**

*Formerly:* HS M30

*In-Class Hours:* 26.25 lecture

Introduces the skills necessary to interpret basic cardiac dysrhythmias and to intervene in their treatment. Covers a systematic approach for the identification and classification of dysrhythmias according to site of origin and prognosis.

**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

### **NS M35 Holistic Healthcare Practices 1.5 Units**

*Formerly:* HS M35

*In-Class Hours:* 26.25 lecture

Explores healthcare practices that complement the Western/allopathic mode of health care. Provides concepts of relaxation therapy, meditation, guided imagery, therapeutic touch and other energy healing modalities, nutrition, and use of herbs for treatment of most common ailments. (Formerly HS M35.) Designed for the layperson, the lay caregiver and healthcare professionals. Provider approved by the California Board of Registered Nursing (CEP 2811) for 24 contact hours.

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

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E1

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

### **NS M40 Labor and Delivery Room Nursing 2 Units**

*Formerly:* [NS M60C](#)

*In-Class Hours:* 35 lecture

Develops the knowledge, skills, and attitudes required of nurses in promoting a safe labor and delivery. Develops critical thinking and clinical reasoning in caring for the intrapartum patient. Utilizes a systematic approach to assessment and prioritization of nursing care for the intrapartum woman and the fetus. This course is intended for nursing students who have completed their obstetric theory and clinical rotation, registered nurses or licensed vocational nurses.

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

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

### **NS M49 Nursing Practicum 2.5-5 Units**

*In-Class Hours:* 131.25-262.5 laboratory

*Advisories/Rec Prep:* [NS M03](#) and [NS M03L](#)

*Enrollment Limitations:* Completed first year of Associate Degree Nursing Program and currently enrolled in the Moorpark College nursing program.

Enables the intermediate nursing student to participate in a paid practicum cooperatively planned by an employing agency and the nursing faculty. Provides the student nurse with a supportive educational program to assist in practicing learned technical skills, organizational skills, and critical thinking strategies.

**Grade Modes:** 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

### **NS M78 Introduction to Operating Room Nursing 4 Units**

*In-Class Hours:* 52.5 lecture, 52.5 laboratory

*Prerequisites:* [NS M02](#) and [NS M02L](#)

*Enrollment Limitations:* Enrollment is limited to those students who meet Moorpark College's Nursing Program requirements or are a Registered Nurse with a current CA license. The course is designed for the Registered Nurse or Registered Nursing student who has completed the first year of the



nursing program. Registered Nurses must contact the Moorpark College Health Sciences Department.

Introduces operating room (OR) nursing, including the scrub and circulating roles of the OR nurse. Focuses on the application of the nursing process with the perioperative client. Combines lecture and skills laboratory classes, as well as a clinical preceptorship.

**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

### **NS M79 Intermediate Operating Room Nursing 4 Units**

*In-Class Hours:* 26.25 lecture, 140 laboratory

*Prerequisites:* [NS M78](#)

Provides basic competencies in perioperative nursing in both scrub and circulating roles. Focuses on surgical specialties: general, gynecological, neurology, orthopedic, urology, and vascular; including the use of laparoscopy, laser and other complex surgical equipment. Focuses on preoperative assessment and planning, intra-operative implementation and postoperative evaluation. Provider approved by the California Board of Registered Nursing. Provider number CEP 2811 for 22.5 contact hours.

**Grade Modes:** 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

### **NS M122 Independent Study - Nursing 0.5-3 Units**

*Formerly:* NS M22A; NS M22B

*In-Class Hours:* 26.25-157.5 laboratory

*Prerequisites:* Completion of one course in Nursing Science and instructor approval

Allows independent study for students who wish to extend their knowledge of a particular area of Nursing through research and study. Utilizes an approved independent project. Includes one-on-one work with instructor. Interested students should contact a Nursing instructor for assistance in developing a contract for learning about a specific topic.

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

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

- [Nursing Science, Associate in Science](#)



## Dean

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## Nursing Coordinator/Nursing Director

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## Faculty

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## **Counselor**

Lydia Basmajian