Academic credit by examination may be obtained by those whose prior education and/or experience provides the knowledge and skills required to meet the objectives of one or more courses. Students who believe they may be eligible for credit by examination should contact the Nursing Education Department for an appointment for special advising prior to submitting their application for admission to the program. For College policy regarding credit by examination, consult “Credit by Examination” in the Academic Regulations and Standards section of this catalog.

Upon completion of the eligibility requirements, separate theory and clinical performance examinations will be administered for courses with a laboratory component. A written patient care plan is required in all appropriate theory and clinical courses. Completion of the written work with a grade of ‘C’ or better is required prior to taking the clinical examination. Courses without a lab component will have a written examination only. A grade of ‘C’ or better must be achieved.

The Nursing Education Department’s Credit by Examination Policy may be obtained from the Nursing Education Department Office.

A maximum of 20 units may be obtained through credit by examination.

Associate Degree Nursing (ADN) Curriculum

For students entering the ADN Program Spring 1998 or later

**A.A. DEGREE MAJOR**

<table>
<thead>
<tr>
<th>Program Requirements</th>
<th>Units</th>
</tr>
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<tbody>
<tr>
<td>MATH 56, 60 or an appropriate score on an approved math exam</td>
<td>0-4</td>
</tr>
<tr>
<td>BIOL 102**</td>
<td>4</td>
</tr>
<tr>
<td>MICR 200***</td>
<td>5</td>
</tr>
<tr>
<td>ZOO 200**</td>
<td>5</td>
</tr>
<tr>
<td>ZOO 203**</td>
<td>5</td>
</tr>
<tr>
<td>Semester I</td>
<td></td>
</tr>
<tr>
<td>NURS 117</td>
<td>Nursing I</td>
</tr>
<tr>
<td>NURS 103</td>
<td>Nursing Foundation I</td>
</tr>
<tr>
<td>Semester II</td>
<td></td>
</tr>
<tr>
<td>NURS 118</td>
<td>Nursing II</td>
</tr>
<tr>
<td>NURS 203</td>
<td>Nursing Foundation II</td>
</tr>
<tr>
<td>Semester III</td>
<td></td>
</tr>
<tr>
<td>NURS 217</td>
<td>Nursing III</td>
</tr>
<tr>
<td>Semester IV</td>
<td></td>
</tr>
<tr>
<td>NURS 218</td>
<td>Nursing IV</td>
</tr>
<tr>
<td>Additional Related Support Courses</td>
<td></td>
</tr>
<tr>
<td>ENGL 100***</td>
<td>English Composition</td>
</tr>
<tr>
<td>PSYC</td>
<td>Any course numbered 100 or above except 140 &amp; 205</td>
</tr>
<tr>
<td>SOC</td>
<td>Any course numbered 100 or above except 140 &amp; 205</td>
</tr>
<tr>
<td>SPCH</td>
<td>Any course numbered 100 or above except 145 &amp; 150</td>
</tr>
<tr>
<td>Remaining A.A. Degree Competencies and Courses</td>
<td></td>
</tr>
<tr>
<td>American History and Institutions</td>
<td>6</td>
</tr>
<tr>
<td>Health and Physical Education requirement (waived by completing nursing curriculum)</td>
<td>0</td>
</tr>
<tr>
<td>Humanities</td>
<td>3</td>
</tr>
<tr>
<td>Integrated Self and Life-long Learning (met by completing nursing curriculum)</td>
<td>0</td>
</tr>
<tr>
<td>Multicultural requirement (met by completing NURS 103 &amp; 217)</td>
<td>0</td>
</tr>
</tbody>
</table>

**TOTAL UNITS** 81

*This biology prerequisite is required if the science courses are taken at Palomar College
** Four semester unit courses accepted from accredited colleges
*** Three semester unit courses accepted from accredited colleges

Curriculum plan subject to change

Advanced Standing for LVNs

Advanced Standing for LVNs is based on the following requirements:

- Hold a valid, active LVN License in the state of California
- Meet all requirements for admission as identified in the College Catalog and the Nursing Education Department brochure
Nursing Education

BIOL 102* Molecules and Cells 4
except 145 & 150 3
SPCH Any course numbered 100 or above
SOC Any course numbered 100 or above
PSYC Any course numbered 100 or above
NURS 203 Nursing Foundation II 2
NURS 110 LVN RN Transition 2
ZOO 203** Physiology 5
ZOO 200** Anatomy 5
MICR 200** Fundamentals of Microbiology 5
except 140 & 205 3
except 140 & 205 3
MATH 56, 60, or an appropriate score on an approved math exam 0-4

Diploma RN to ADN

Associate Degree Nursing Curriculum
(LVN-RN)

A.A. DEGREE MAJOR

Program Requirements Units
MATH 56, 60, or an appropriate score on an approved math exam 0-4
BIOL 102* Molecules and Cells 4
MICR 200** Fundamentals of Microbiology 5
ZOO 200** Anatomy 5
ZOO 203** Physiology 5
NURS 110 LVN RN Transition 2

Semester I
NURS 217 Nursing III 9
NURS 203 Nursing Foundation II 2

Semester II
NURS 218 Nursing IV 9

Additional Related Support Courses
ENG 100*** English Composition 4
PSYC Any course numbered 100 or above except 140 & 205 3
SOC Any course numbered 100 or above except 140 & 205 3
SPCH Any course numbered 100 or above except 145 & 150 3

Remaining A.A. Degree Competencies and Courses
American History and Institutions 6
Health and Physical Education requirement (waived by completing nursing curriculum) 0
Humanities 3
Integrated Self and Life-Long Learning
(met by completing nursing curriculum) 0
Multicultural requirement (met by completing NURS 110 & 217) 0

TOTAL UNITS 63

When the student has successfully completed the ADN program, the student will be given credit for previous vocational nursing education equivalent to 20 units.

*This biology prerequisite is required if the science courses are taken at Palomar College
**Four semester unit courses accepted from accredited colleges
***Three semester unit courses accepted from accredited colleges
Curriculum plan subject to change

CREDIT BY TRANSFER: Students who have been enrolled in an accredited Registered Nursing program within the last two years may receive full credit for courses transferred which are, as evaluated by the Palomar College Nursing Education Department faculty, comparable to courses offered by the College. If courses transferred are found not to be comparable, students may challenge Palomar courses for credit.

Non Degree Program LVN to RN
(30 Unit Option)

Any LVN licensed in the state of California is eligible to apply for this program. The program is prescribed by the Board of Registered Nursing and provides an RN license for CALIFORNIA ONLY. The College acts as a facilitator. Students must successfully complete or challenge NURS 110 to be eligible to apply for this program.

Upon successful completion of NURS 110, a student has two academic years to enroll in the nursing program. If the student is unable to enroll within two academic years, for any reason other than lack of space in the program, the student will be required to repeat NURS 110.

A maximum of 30 units of nursing and support courses are required to fulfill the unit requirement for licensure by the Board of Registered Nursing.

Program Requirements Units
ZOO 203** Physiology 5
MICR 200** Fundamentals of Microbiology 5
NURS 110 LVN RN Transition 2

Semester I
NURS 217*** Nursing III 9

Semester II
NURS 218 Nursing IV 9

TOTAL UNITS 30

* Four semester unit courses accepted from accredited colleges
** NURS 203 is recommended with NURS 217

30-Unit Option students, with additional units in general education, may earn the Associate in Arts Degree in General Studies. An Associate Degree in Nursing will NOT be awarded.

COURSE OFFERINGS

To remain in the program, students must maintain a minimum grade of ‘C’ in each of the nursing courses and in all required support courses. Grades in the clinical nursing laboratories are based on satisfactory/unsatisfactory practice. A student might fail a nursing course on the basis of clinical practice even though theory grades may be passing.

NURS 103 Nursing Foundation I (2)
2 hours lecture
Prerequisite: Admission to the Associate Degree Nursing Program
Corequisite: NURS 117
Note: Graded only
Transfer acceptability: CSU

This course provides an introduction to critical thinking as a method of exploring issues related to the nursing role as a provider of care and as a member of the discipline. Concepts essential for nursing practice and functional health patterns are introduced. The nursing process as a foundation for nursing practice is introduced. Multicultural considerations including gender, culture, ethnicity, sexuality, and age are explored. These concepts are introduced at a beginning level for a provider of care and a member of the discipline.

To satisfy a prerequisite, the student must have earned a letter grade of A, B, C or CR in the prerequisite course, unless otherwise stated.
NURS 110  

LVN-RN Transition  

(2)  

2 hours lecture  

Prerequisite: Current California Vocational Nurse License  

Recommended preparation: MATH 56 or 60, or the appropriate score on an approved math exam  

Note: Graded only  

Transfer acceptability: CSU  

This course facilitates the transition of the Licensed Vocational Nurse into the Associate Degree Nursing Program. Provides an introduction to critical thinking as a method of exploring issues related to the nursing role as a provider of care and as a member of the discipline. Emphasis is placed on the acquisition and utilization of the components of the nursing process within a multicultural framework. Multicultural considerations including gender, culture, ethnicity, sexuality, and age, in the care of clients and families are explored. Concepts essential for nursing practice and functional health patterns are introduced.

NURS 117  

Nursing I  

(9)  

4 hours lecture-15 hours laboratory  

Prerequisite: Admission to the Associate Degree Nursing Program  

Corequisite: NURS 103  

Note: Graded only  

Transfer acceptability: CSU  

The nursing process and components of critical thinking are introduced in this course. Focus is placed on the care of stable clients with expected or predictable outcomes. Provides a basic foundation for nursing practice with a focus on assessment (utilizing functional health patterns), nursing skills, and therapeutic communication. Emphasis is placed on the role of the nurse as a provider of care and member of a discipline.

NURS 118  

Nursing II  

(9)  

4 hours lecture-15 hours laboratory  

Prerequisite: NURS 103 and 117  

Note: Graded only  

Transfer acceptability: CSU  

Builds on the foundation of NURS 117 with the application of the nursing process and critical thinking in the care of the childbearing family, pediatric client, and medical surgical clients. Concepts are expanded to include the recognition of changes in clients with predictable outcomes and the utilization of appropriate interventions. Emphasis is placed on client teaching, collaboration with family members, and shared decision making. There is a continuing emphasis on the role of the nurse as a provider of care and member of the discipline.

NURS 120  

Pharmacology for Nurses I  

(2)  

2 hours lecture  

Transfer acceptability: CSU  

Basic concepts of pharmacology, pharmacokinetics, pharmacodynamics, drug interactions, and the nursing process related to neurologic and neuromuscular agents; analgesics and anti-inflammatory agents; eye, ear, and skin agents; respiratory agents; endocrine agents; gastrointestinal agents; and reproductive and gender-related agents.

NURS 121  

Pharmacology for Nurses II  

(2)  

2 hours lecture  

Transfer acceptability: CSU  

Basic concepts of pharmacology, pharmacokinetics, pharmacodynamics, drug interactions, and the nursing process related to anticonvulsive agents; antipsychotic agents; cardiovascular agents; renal agents; anti-infective agents; vaccinations; and antineoplastic agents.

NURS 140  

Adult Health Assessment  

(1.5)  

3 hours lecture/laboratory  

Transfer acceptability: CSU  

Basic concepts of health assessment to include interviewing and assessment techniques used to obtain a comprehensive health history from an adult and relating findings to the nursing process. Transcultural and adult developmental stage considerations are also included.

NURS 197  

Nursing Topics  

(0.5-4)  

Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture, laboratory, or lecture/laboratory may be scheduled by the department. Refer to Class Schedule.
Oceanography (OCN)
Contact the Earth, Space, and Aviation Sciences Department for further information, (760) 744-1150, ext. 2512

COURSE OFFERINGS

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>OCN 100</td>
<td>Oceanography Lecture</td>
<td>(3)</td>
<td>3 hours lecture</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>Note:</strong> Not open to students with prior credit in OCN 101</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>Transfer acceptability:</strong> CSU; UC – OCN 100/100L and 101 combined: maximum credit, 4 units</td>
</tr>
<tr>
<td>OCN 100L</td>
<td>Oceanography Laboratory</td>
<td>(1)</td>
<td>3 hours laboratory</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>Prerequisite:</strong> Completion of, or concurrent enrollment in, OCN 100 or OCN 115</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>Note:</strong> Not open to students with prior credit in OCN 101</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>Transfer acceptability:</strong> CSU; UC – OCN 100/100L and 101 combined: maximum credit, 4 units</td>
</tr>
<tr>
<td>OCN 101</td>
<td>Oceanography</td>
<td>(4)</td>
<td>3 hours lecture-3 hours laboratory</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>Note:</strong> Not open to students with prior credit in OCN 100 or 100L</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>Transfer acceptability:</strong> CSU; UC – OCN 100/100L and 101 combined: maximum credit, 4 units</td>
</tr>
<tr>
<td>OCN 115</td>
<td>Coastal Oceanography</td>
<td>(3)</td>
<td>3 hours lecture</td>
</tr>
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<td></td>
<td></td>
<td></td>
<td><strong>Transfer acceptability:</strong> CSU; UC</td>
</tr>
<tr>
<td>OCN 195</td>
<td>Regional Field Studies in Oceanography</td>
<td>(1,2,3)</td>
<td>2, 4, or 6 hours lecture/laboratory</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>Note:</strong> May be taken 4 times</td>
</tr>
<tr>
<td>OCN 197</td>
<td>Oceanography Topics</td>
<td>(5-4)</td>
<td>Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture, laboratory, or lecture/laboratory may be scheduled by the department. Refer to Class Schedule.</td>
</tr>
</tbody>
</table>

Note: May be taken 4 times

Transfer acceptability: CSU; UC – Credit determined by UC upon review of course syllabus.

Topics in Oceanography. See Class Schedule for specific topic covered. Course title will designate subject covered.

OCN 295 Directed Study in Oceanography (1,2,3)
Arrange 3, 6, or 9 hours laboratory with department chairperson

Prerequisite: OCN 100 or 101

Note: May be taken 4 times for a maximum of 6 units

Transfer acceptability: CSU; UC – Credit determined by UC upon review of course syllabus.

Individual study in field, library, or laboratory for interested students.

Office Information Systems (OIS)
Contact the Business Education Department for further information, (760) 744-1150, ext. 2488

Associate in Arts degree requirements, Certificate of Achievement requirements, and Certificate of Proficiency requirements are listed in Section 6 (green pages) of the catalog.

PROGRAMS OF STUDY

Administrative Assistant
This program is designed to prepare the student for an administrative support office position in business and industry.

A Certificate of Achievement and/or an AA degree will be awarded to students who successfully complete the requirements listed below.

A.A. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements Units

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 105</td>
<td>Bookkeeping Fundamentals</td>
<td>3</td>
</tr>
<tr>
<td>BUS 110</td>
<td>Business Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>BUS 125</td>
<td>Business English</td>
<td>3</td>
</tr>
<tr>
<td>BUS 175</td>
<td>Excel Basic</td>
<td>1</td>
</tr>
<tr>
<td>BUS 180</td>
<td>Access for Business</td>
<td>1</td>
</tr>
<tr>
<td>BUS 185</td>
<td>Power Point for Business</td>
<td>1</td>
</tr>
<tr>
<td>BUS 186/R</td>
<td>CSIS 130</td>
<td>1</td>
</tr>
<tr>
<td>BUS 190</td>
<td>Internet for Business</td>
<td>1</td>
</tr>
<tr>
<td>BUS 195</td>
<td>Microsoft Office Integration</td>
<td>1</td>
</tr>
<tr>
<td>OIS 103</td>
<td>Advanced Keyboarding</td>
<td>1</td>
</tr>
<tr>
<td>OIS 115</td>
<td>Filing and Records Management</td>
<td>1</td>
</tr>
<tr>
<td>OIS 120</td>
<td>Intro to Office Information Systems</td>
<td>1</td>
</tr>
<tr>
<td>OIS 136.2</td>
<td>Word Intermediate</td>
<td>1</td>
</tr>
<tr>
<td>OIS 136.3</td>
<td>Word Advanced</td>
<td>1</td>
</tr>
<tr>
<td>OIS 205</td>
<td>Office Procedures</td>
<td>3</td>
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<tr>
<td>OIS 230</td>
<td>Secretarial Machine Transcription</td>
<td>1</td>
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<tr>
<td>CE 100</td>
<td>Cooperative Education</td>
<td>1,2,3</td>
</tr>
</tbody>
</table>

**TOTAL UNITS**: 27 - 30

Recommended Electives: BUS 187, BUS 188, 205

Credit for Certified Professional Secretary (CPS) Certification:
Individuals who hold a certificate as a Certified Professional Secretary (CPS) or Certified Administrative Professional (CAP) may apply to the Business Education/Office Information Systems Department for units toward an Administrative Assistant Certificate of Achievement Degree. The units granted, with a grade of “CR”, will be posted to the student’s transcript upon completion of the remaining A.A. degree requirements. Students must provide evidence of successful completion of the CPS or CAP certification.