

MICR 197 Microbiology Topics (.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.

Note: May be taken 4 times

Transfer acceptability: CSU

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

MICR 200 Fundamentals of Microbiology (4)
2 hours lecture-7 hours laboratory

Prerequisite: A minimum grade of 'C' in BIOL 102; or BIOL 200 and CHEM 104 or CHEM 100; or BIOL 100 and CHEM 104 or CHEM 100; or BIOL 105 and CHEM 104 or CHEM 100; or BIOL 101, BIOL 101L and CHEM 104 or CHEM 100

Transfer acceptability: CSU; UC

Fundamentals of microbiology including medical aspects of microbiology.

Multicultural Studies (MCS)

See also **Africana Studies, American Indian Studies, American Studies, Chicano Studies, Judaic Studies**

Contact the Multicultural Studies Department for further information.

(760) 744-1150, ext. 2206

Office: ST-28

COURSE OFFERINGS

MCS 100 Introduction to Multicultural Studies (3)
3 hours lecture

Transfer acceptability: CSU; UC

Social, cultural and political awareness of diverse national and international systems of thought and multicultural groups as revealed through their social institutions and cultural traditions emanating from family, community and nation - state.

MCS 110 Diverse Cultures in America Today (3)
3 hours lecture

Note: Cross listed as AMS 110

Transfer acceptability: CSU; UC

An investigation of prevalent cultural trends in four groups of diverse ethnic and cultural backgrounds in America -- African Americans, Latinos, Chinese, and people of Jewish heritage -- since World War II. Emphasis will be placed on the literary, musical, and artistic expressions of their heritage, social conditions, struggle to become part of the main culture, and response to prejudice, racial, and religious discrimination. Selections dealing with social conditions will include such diverse issues as family life, intergenerational conflicts, and religious traditions.

MCS 120 The Middle East: From Ancient Cultures to Modern Influences (3)
3 hours lecture

Transfer acceptability: CSU; UC

Explores the development of Middle Eastern cultures and traditions beginning with Mesopotamia and Egypt becoming the cradles of Western civilization to the present. Emphasis on the cultural milieu in which the three monotheistic religions, Judaism, Christianity and Islam, were born. The focus will be on cultural traditions as opposed to religious aspects. The influences of Greek, Roman, and Eastern civilizations in the region, including literary, philosophical, musical, and artistic creations by Middle Easterners in the past century. Discussions will also focus on the current cultural conflicts between religious traditions and cultural groups.

MCS 122 Survey of Middle Eastern History (3)
3 hours lecture

Transfer acceptability: CSU; UC

A survey of the history, cultures and religions of the Arab world including the emergence of Islam as a major world religion, and the impact of the Arab conquests on the Mediterranean world.

MCS 124 Islamic Cultures and Traditions (3)
3 hours lecture

Note: Cross listed as RS 124

Transfer acceptability: CSU; UC

An introductory course designed for students with a general interest in the Islamic world, including its history and cultural traditions. Examines the main social, traditional and legal institutions of Islam.

MCS 157 Theatre and Social Justice (3)
3 hours lecture

Note: Cross listed as TA 157; may be taken 3 times

Transfer acceptability: CSU

The study and practice of theatre as a vehicle for understanding global conditions of social injustice and working to create justice in local communities.

MCS 165 Introduction to Asian American Studies (3)
3 hours lecture

Transfer acceptability: CSU; UC

This course is an introduction to Asian American Studies. It focuses on the lives and experiences of Asian Americans in the United States. It surveys the history of immigration and cultural assimilation of the different Asian American groups in the U.S. As such, the course will utilize historical perspectives, literature, and film to examine the Asian American experience and the changing roles and contributions of Asian Americans in American society.

MCS 197 Multicultural Studies Topics (.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.

Note: May be taken 4 times

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

Topics in Multicultural Studies. See Class Schedule for specific topic offered. Course title will designate subject covered.

MCS 200 Race, Class, and Ethnic Groups in America (3)
3 hours lecture

Note: Cross listed as AMS 200/SOC 200

Transfer acceptability: CSU; UC

This course is designed to introduce the topics of intergroup relations in general to superordinate-subordinate relations in particular, as exemplified in various racial, ethnic, social class, and cultural groups. Emphasis is primarily on contemporary relations in the United States, although a comparative perspective is also offered.

Music (MUS)

Contact the Performing Arts Department for further information.

(760) 744-1150, ext. 2316

Office: D-16

Associate in Arts Degrees -

AA Degree requirements are listed in Section 6 (green pages).

• Music

Certificates of Proficiency -

Certificate of Proficiency requirements are listed in Section 6 (green pages).

• Digital Animation, Compositing, and Music

PROGRAMS OF STUDY

Digital Animation, Compositing, and Music

This program is directed at the digital design and implementation of 3D animations, graphic compositing and music.

CERTIFICATE OF PROFICIENCY

Program Requirements (5 courses minimum required)		Units
ARTI 246	Digital 3D Design and Modeling	3
ARTI 247	Digital 3D Design and Animation	3
GCMW 204	Motion Graphics for Multimedia	4

GCMW 206	Motion Graphics Production and Compositing	4
MUS 180	Computer Music I	3
MUS 184	Electronic Ensemble	3
TOTAL UNITS		16 - 17

Digital Animation, Compositing, and Music Certificate of Proficiency is also listed in Art and in Graphic Communications - Multimedia and Web.

Music

Students pursuing a music major will take the following required courses. Transfer students should consult the four-year college or university catalog for specific requirements or see a Palomar College counselor.

Note: MUS 103 is recommended for students who need preparation for Music Theory I.

A.A. DEGREE MAJOR

Program Requirements	Units
MUS 100 Music Appreciation	3
MUS 105 Music Theory I	3
MUS 106 Music Theory II	3
MUS 110 Music Skills I	1
MUS 111 Music Skills II	1
MUS 180 Computer Music I	3
MUS 210 Advanced Harmony	3
MUS 211 Counterpoint	3
MUS 215 Music Skills III	1
MUS 216 Music Skills IV	1

Group One (Select 12 units)

MUS 134 Palomar Women's Chorus	1
MUS/DNCE 137 Cuban and Brazilian Drumming I	1 - 2
MUS/DNCE 138 Cuban and Brazilian Drumming II	1 - 2
MUS 143 Palomar Chorale Chamber Ensemble	0.5 - 1
MUS 147 Concert Choir	1
MUS 148 Palomar Chorale	1
MUS 149 Spectrum Pop/Jazz Singers	1
MUS 150 Musical Theatre - Vocal	0.5 - 1
MUS 151 Concert Band	1
MUS 152 Jazz Ensemble	1
MUS 155 Chamber Ensemble - Brass	1
MUS 157 Guitar Ensembles	2
MUS 158 Chamber Singers	0.5 - 1
MUS 172 Repertory Jazz Ensemble	1
MUS 181 Computer Music II	3
MUS 184 Electronic Ensemble	3
MUS 187 Computer Music Composition	3
MUS 198 Palomar Symphony Orchestra	0.5 - 1
MUS 220 Applied Music	3
MUS 222 Performance Studies	0.5
MUS 223 Premier Chamber Ensembles	1

Group Two (Select 4-5 units)

MUS 115 Basic Keyboard I	2
MUS 116 Accelerated Basic Keyboard	3
MUS 117 Basic Keyboard II	2
MUS 119 Piano Skills I	2
MUS 131 Vocal Literature and Performance	2
MUS 175 Beginning Guitar	2
MUS 176 Intermediate Guitar	2
MUS 179 Beginning Flamenco Guitar	2
MUS 224 Introduction to Jazz Piano	2
MUS 225 Piano Skills II	2

Group Three (Select 3 units)

MUS 101 Survey of 20th Century Music	3
MUS 102 Introduction to Jazz	3
MUS 171 World Music	3

TOTAL UNITS 41 - 42

Recommended Elective: DNCE/MUS/TA 173

COURSE OFFERINGS

An activity may be taken four times for credit. Activity is defined to include all ability levels (e.g., A student may take a total of only four Keyboard courses for credit). Keyboard, Piano skills, Vocal, Brass Instruments, Woodwind Instruments, Guitar, Choir, Concert Band, Jazz, Chamber Ensemble, and String Orchestra are defined as activity courses.

Courses numbered under 100 are not intended for transfer credit.

MUS 96A Special Projects: Performance (1)

3 hours laboratory

Prerequisite: Enrollment subject to audition

Note: May be taken 4 times

Participation in group or solo performances beyond those normally expected in individual study classes.

MUS 96B Special Projects: Research (1, 2, 3)

1, 2, or 3 hours lecture

Prerequisite: A minimum grade of 'C' in MUS 105

Note: May be taken 2 times

Special study in the areas of music theory, composition, history, or literature.

MUS 97D Music Topics (.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.

Note: May be taken 4 times

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

MUS 100 Music Appreciation (3)

3 hours lecture

Transfer acceptability: CSU; UC

A survey course that develops musical listening skills through lectures, discussion, in-class listening to recorded music, and live concert attendance. Stylistic and structural elements, cultural roles of music and musicians, and contributions of technology in Western music are examined through representational works from the earliest notated music to the present.

MUS 101 Survey of 20th Century Music (3)

3 hours lecture

Transfer acceptability: CSU; UC

Music from the mid 19th Century to the recent avant garde, with emphasis on understanding the issues and philosophies of modern musical thought.

MUS 102 Introduction to Jazz (3)

3 hours lecture

Transfer acceptability: CSU; UC

Surveys the historical and musical development of jazz as a unique African American expression from the beginning of slavery in the U.S. to the current global multicultural expression of jazz in the twenty-first century. Emphasis is placed on how racial, socio-economic, and gender relationships between whites, African Americans and Latinos were reflected in and influenced by jazz musicians, and the evolving technological contexts in which jazz has developed. Students become active listeners, and develop culturally relevant aesthetic criteria in contextualizing jazz performances.

MUS 103 Fundamentals of Music (3)

3 hours lecture

Transfer acceptability: CSU; UC

Training in the fundamentals of music, primarily for the non music major. The course of study includes a thorough acquaintance with scales, intervals, keys and triads, as well as development in ability to sight read simple melodic material and take simple melodic dictation.

MUS 105 Music Theory I (3)

3 hours lecture-2 hours laboratory

Corequisite: MUS 110

Transfer acceptability: CSU; UC

Analysis and written work in melodic, rhythmic, and harmonic structure of music. Includes review of music rudiments and study of structure and harmonic usage of triads. Required concert attendance.

MUS 106 Music Theory II (3)

3 hours lecture-2 hours laboratory

Prerequisite: A minimum grade of 'C' in MUS 105

Corequisite: MUS 111

Transfer acceptability: CSU; UC

Continuation of MUS 105, extending analysis and written work into all aspects of diatonic harmony, secondary dominants, and elementary modulation. Music literacy is developed through listening and score reading assignments. Required concert attendance.

MUS 110 Music Skills I (1)

1 hour lecture - 3 hours laboratory

Prerequisite: Ability to read and write basic music notation

Transfer acceptability: CSU; UC

Melodic and rhythmic sight reading and dictation. Required concert attendance. Required for students with a major in music, but open to all students.

MUS 111 Music Skills II (1)

1 hour lecture - 3 hours laboratory

Prerequisite: A minimum grade of 'C' in MUS 110

Transfer acceptability: CSU; UC

Continuation of MUS 110 and harmonic dictation. Required concert attendance. Required for students with a major in music, but open to all students.

MUS 115 Basic Keyboard I (2)

1 hours lecture - 3 hours laboratory

Note: May be taken 4 times; maximum of 4 completions in any combination of MUS 115, MUS 116, MUS 117

Transfer acceptability: CSU; UC

An introduction to the keyboard through the study of notation, basic hand positions, and chord formations.

MUS 116 Accelerated Basic Keyboard (3)

1½ hours lecture - 4½ hours laboratory

Prerequisite: Ability to read music in treble and bass clefs

Note: May be taken 4 times; maximum of 4 completions in any combination of MUS 115, MUS 116, MUS 117

Transfer acceptability: CSU; UC

Accelerated class for the beginning keyboard student. Required of all students with a major in music and for music credential candidates.

MUS 117 Basic Keyboard II (2)

4 hours lecture/laboratory

Prerequisite: A minimum grade of 'C' in MUS 115 or the passing of equivalency test

Note: May be taken 4 times; maximum of 4 completions in any combination of MUS 115, MUS 116, MUS 117

Transfer acceptability: CSU; UC

Keyboard experience through the further study of notation, scales, and chord progressions. Sight reading and improvisation.

MUS 119 Piano Skills I (2)

4 hours lecture/laboratory

Prerequisite: A minimum grade of 'C' in MUS 117 or the passing of equivalency test

Note: May be taken 4 times; maximum of 4 completions in any combination of MUS 119, MUS 225

Transfer acceptability: CSU; UC

Piano techniques including scales and arpeggios, sight reading, and ensemble playing. Required of all music majors and for credential candidates.

MUS 123 Arts Across the Curriculum (3)

3 hours lecture

Note: Cross listed as: ART 123/DNCE 123/TA 123

Transfer acceptability: CSU

This course is an introduction to the artistic creative process through a comparative study of dance, music, theatre, and visual arts, within a social and cultural context. The principles of artistic perception, creative expression, cultural and historical context, and aesthetic valuing will be discussed.

MUS 125 Musicianship for Elementary Teachers (3)

3 hours lecture

Transfer acceptability: CSU

Skills and competencies required in the elementary school classroom including basic music theory, sight singing, classroom instruments, voice, and a useful repertoire of songs selected from State adopted music textbooks. It is recommended that students lacking a basic knowledge of the piano enroll in MUS 115 concurrently.

MUS 130 Fundamental Vocal Skills (2)

2 hours lecture

Note: May be taken 4 times; maximum of 4 completions in any combination of MUS 130, MUS 131, MUS 132

Transfer acceptability: CSU; UC

Introduction to the basics of singing. Includes proper breath control and posture, practice techniques, diction, and performance of simple song literature.

MUS 131 Vocal Literature and Performance (2)

2 hours lecture

Prerequisite: A minimum grade of 'C' in MUS 130

Note: May be taken 4 times; maximum of 4 completions in any combination of MUS 130, MUS 131, MUS 132

Transfer acceptability: CSU; UC

Establishment of a basic repertoire for the singer. Rehearsal and performance of folk songs; musical theatre; and Italian, German, French, and English art songs.

MUS 132 Popular Vocal Technique (1)

2 hours lecture/laboratory

Prerequisite: A minimum grade of 'C' in MUS 130

Note: May be taken 4 times; maximum of 4 completions in any combination of MUS 130, MUS 131, MUS 132

Transfer acceptability: CSU; UC

Development of individual style in popular music. Scat singing, microphone technique, and expansion of repertoire.

MUS 134 Palomar Women's Chorus (1)

3 hours laboratory

Prerequisite: Enrollment subject to audition

Note: May be taken 4 times; maximum of 4 completions in any combination of MUS 134, 147, 148, 149

Transfer acceptability: CSU; UC

Rehearsal and performance of standard choral literature for women's voices. Trips to college choir festivals and performances in the community and at Palomar College.

MUS 137 Cuban and Brazilian Drumming I (1, 1.5, 2)

2, 3, or 4 hours lecture/laboratory

Note: Cross listed as DNCE 137; may be taken 4 times; maximum of 4 completions in any combination of MUS/DNCE 137 and MUS/DNCE 138

Transfer acceptability: CSU; UC

Drum, percussion and song classes in the traditions of Escola de Samba from Rio de Janeiro, Brazil and Afro-Cuban traditions, Rumba, Congo, makuta from Cuba. Develop ability to work as part of a drum ensemble.

- MUS 138 Cuban and Brazilian Drumming II** (1, 1.5, 2)
2, 3, or 4 hours lecture/laboratory
Prerequisite: A minimum grade of 'C' in DNCE/MUS 137
Note: Cross listed as DNCE 137; may be taken 4 times; maximum of 4 completions in any combination of MUS/DNCE 137 and MUS/DNCE 138
Transfer acceptability: CSU; UC
Intermediate level drum, percussion and song classes in the traditions of Escola de Samba from Rio de Janeiro, Brazil and Afro-Cuban traditions, Rumba, Congo, makuta from Cuba. Develop ability to work as part of a drum ensemble.
- MUS 143 Palomar Chorale Chamber Ensemble** (.5, 1)
1½ or 3 hours laboratory
Prerequisite: Enrollment subject to audition with emphasis on vocal ability and music reading
Note: May be taken 4 times
Transfer acceptability: CSU
Rehearsal and performance of choral and chamber music for voices. Attendance at all scheduled performances is required.
- MUS 147 Concert Choir** (1)
3 hours laboratory
Prerequisite: Previous singing experience
Note: May be taken 4 times; maximum of 4 completions in any combination of MUS 134, MUS 147, MUS 148, MUS 149
Transfer acceptability: CSU; UC
Rehearsal and performance of standard choral literature. Trips to college choir festivals and performances in the community and at Palomar College.
- MUS 148 Palomar Chorale** (1)
3 hours laboratory
Prerequisite: Enrollment subject to audition
Note: May be taken 4 times; maximum of 4 completions in any combination of MUS 134, MUS 147, MUS 148, MUS 149
Transfer acceptability: CSU; UC
Rehearsal and performance of standard oratorio and choral literature. Attendance at all scheduled performances is required.
- MUS 149 Spectrum Pop/Jazz Singers** (1)
3 hours laboratory
Prerequisite: Enrollment subject to audition
Note: May be taken 4 times; maximum of 4 completions in any combination of MUS 134, MUS 147, MUS 148, MUS 149
Transfer acceptability: CSU; UC
A group of singers specializing in the performance of jazz, gospel, rock, musical theatre, and popular music. Improvement of musicianship and concept of style. The ensemble gives campus and community concerts. Attendance at all scheduled performances is required.
- MUS 150 Musical Theatre –Vocal** (.5, 1)
1½ or 3 hours laboratory
Prerequisite: Enrollment subject to audition
Note: May be taken 4 times
Transfer acceptability: CSU; UC
Rehearsal and performance of vocal musical theatre literature. Attendance at all scheduled rehearsals and productions is required.
- MUS 151 Concert Band** (1)
3 hours laboratory
Prerequisite: Ability to perform on one or more band instruments
Note: May be taken 4 times; maximum of 4 completions in any combination of MUS 151, MUS 161
Transfer acceptability: CSU; UC
Study, rehearsal, and performance of standard concert band music.
- MUS 152 Jazz Ensemble** (1)
3 hours laboratory
Prerequisite: Ability to perform on one or more instruments and read music. Enrollment subject to audition
Note: May be taken 4 times; maximum of 4 completions in any combination of MUS 152, 162, 172
Transfer acceptability: CSU; UC
Rehearsal and performance of standard stage band literature. Opportunities for students to arrange and compose for the band and rehearse the ensemble. Attendance at all scheduled performances is required.
- MUS 155 Chamber Ensemble – Brass** (1)
3 hours laboratory
Prerequisite: Ability to perform on one or more instruments and to sight read music
Note: May be taken 4 times
Transfer acceptability: CSU; UC
Rehearsal and performance of chamber music literature for brass.
- MUS 157 Guitar Ensembles** (2)
2 hours lecture
Prerequisite: Enrollment subject to audition with emphasis on music reading
Note: May be taken 3 times
Transfer acceptability: CSU; UC
Performance practice considerations for ensemble music from various periods of music history, with an emphasis on music reading and classical technique.
- MUS 158 Chamber Singers** (.5, 1)
1½ or 3 hours laboratory
Prerequisite: Enrollment subject to audition with emphasis on vocal ability and music reading
Note: May be taken 4 times
Transfer acceptability: CSU; UC
Rehearsal and performance of chamber music for voices.
- MUS 159 Musical Theatre Orchestra** (.5, 1)
1½ or 3 hours laboratory
Prerequisite: Enrollment subject to audition; ability to play an instrument and read music at sight
Note: May be taken 4 times
Transfer acceptability: CSU; UC
Rehearsal and performance of musical theatre literature. Attendance at all scheduled productions is required.
- MUS 161 Summer Concert Band** (.5)
1½ hours laboratory
Prerequisite: Ability to perform on one or more instruments
Note: May be taken 4 times; maximum of 4 completions in any combination of MUS 151, MUS 161
Transfer acceptability: CSU; UC
Study, rehearsal, and performance of standard concert band music.
- MUS 162 Summer Stage Band** (.5)
1½ hours laboratory
Prerequisite: Ability to perform on an instrument and read music
Note: May be taken 4 times; maximum of 4 completions in any combination of MUS 152, 162, 172
Transfer acceptability: CSU; UC
Extensive reading and rehearsing of jazz and jazz rock literature.
- MUS 170 Great Musicians Through Film** (3)
3 hours lecture
Transfer acceptability: CSU; UC
The study of the life and compositions of such composers as Bach, Mozart, Beethoven, Schumann, Bruckner, and Stravinsky through documentary and biographical films accompanied by lectures and discussions as well as biographical film sketch of Arthur Rubenstein.
- MUS 171 World Music** (3)
3 hours lecture
Transfer acceptability: CSU; UC
A survey of world music including North American Indian, Mexico, India, Japan, Indonesia, Middle East, China, Africa, and South America, with emphasis on understanding the cultural background, instruments, musical characteristics and the impact of world music on the 20th century culture.

- MUS 172 Repertory Jazz Ensemble** (1)
3 hours laboratory
Prerequisite: Enrollment subject to audition
Note: May be taken 4 times; maximum of 4 completions in any combination of MUS 152, 162, 172
Transfer acceptability: CSU
Study and preparation of professional level materials for the large jazz ensemble.
- MUS 173 Musical Theatre Scenes** (1)
3 hours laboratory
Note: Cross listed as DNCE 173/TA 173
Transfer acceptability: CSU
Rehearsal and performance of solo and group scenes from Broadway musicals dating from the 1930's to the present.
- MUS 175 Beginning Guitar** (2)
2 hours lecture
Note: May be taken 4 times; maximum of 4 completions in any combination of MUS 175, 176, 178
Transfer acceptability: CSU; UC
An introduction to the fingerboard through the study of notation, basic hand positions, and chord formations.
- MUS 176 Intermediate Guitar** (2)
2 hours lecture
Prerequisite: A minimum grade of 'C' in MUS 175
Note: May be taken 4 times; maximum of 4 completions in any combination of MUS 175, 176, 178
Transfer acceptability: CSU; UC
A continuation of MUS 175 with a more in-depth study of the classical, flamenco, blues, and jazz styles. Theory, technique, and interpretation will be thoroughly explored.
- MUS 178 Classical Guitar** (2)
2 hours lecture
Prerequisite: A minimum grade of 'C' in MUS 175 or ability to read music
Note: May be taken 4 times; maximum of 4 completions in any combination of MUS 175, 176, 178
Transfer acceptability: CSU; UC
Guitar techniques in the classical style, with emphasis on sight reading and ensemble playing as well as performance of guitar literature from the Renaissance through the early 20th Century.
- MUS 179 Beginning Flamenco Guitar** (2)
2 hours lecture
Prerequisite: Basic knowledge of guitar
Note: May be taken 4 times
Transfer acceptability: CSU; UC (Pending)
Students will learn necessary terminology, harmony, rhythm, and additional techniques in order to develop a basic knowledge of Flamenco Guitar.
- MUS 180 Computer Music I** (3)
3 hours lecture
Prerequisite: A minimum grade of 'C' in MUS 103 or 115 or ARTI 246 or GCMW 204
Transfer acceptability: CSU
This course is designed to give students an understanding of basic computer music application including sound design, MIDI, and music notation software.
- MUS 181 Computer Music II** (3)
3 hours lecture
Prerequisite: A minimum grade of 'C' in MUS 180, or concurrent enrollment in MUS 180
Transfer acceptability: CSU
An overview of digital audio techniques. Topic in sound synthesis, sound design, and sampling.
- MUS 182 Introduction to Arts Management** (3)
9 hours laboratory
Note: Cross listed as AMS 182, ART 182, DNCE 182, TA 182
Transfer acceptability: CSU
An introduction to the principles and practices of arts management through an interdisciplinary study of management topics in the visual and performing arts.
- MUS 183 Internship in Arts Management** (3)
9 hours laboratory
Prerequisite: A minimum grade of 'C' in AMS/ART/DNCE/MUS/TA 182
Note: Cross listed as AMS 183/ART 183/DNCE 183/TA 183
Transfer acceptability: CSU
Practical experience in arts management in the visual and performing arts.
- MUS 184 Electronic Ensemble** (3)
3 hours lecture
Prerequisite: A minimum grade of 'C' in MUS 103
Note: May be taken 4 times
Transfer acceptability: CSU
Instruction in music technology, composition, and performance. Students will compose and participate in performances of original works for electronic, computer, and acoustic instruments.
- MUS 185 Franco Haitian Percussion and Song I** (1,1.5,2)
2, 3, or 4 hours lecture/laboratory
Note: Cross listed as DNCE 185; may be taken 4 times; maximum of 4 completions in any combination of MUS/DNCE 185, 186
Transfer acceptability: CSU; UC
An introduction to traditional Franco Haitian percussion and songs from the Eastern region of Cuba.
- MUS 186 Franco Haitian Percussion and Song II** (1,1.5,2)
2, 3, or 4 hours lecture/laboratory
Note: Cross listed as DNCE 186; may be taken 4 times; maximum of 4 completions in any combination of MUS/DNCE 185, 186
Transfer acceptability: CSU; UC
Intermediate level Traditional Franco Haitian percussion and songs from the Eastern region of Cuba.
- MUS 187 Computer Music Composition** (3)
6 hours lecture/laboratory
Prerequisite: A minimum grade of 'C' in MUS 103 or MUS 115, and MUS 180 and MUS 181
Note: May be taken 4 times
Transfer acceptability: CSU
Students will work on individual computer music compositions. Instruction will include, but is not limited to, computer music software and hardware overviews. This will include composition and notation techniques, music analysis, detailed work on specific software applications, music publishing information, and rehearsal and part preparation. Students may also take this in conjunction with computer music classes in order to receive further tutelage with that class material.
- MUS 197 Topics in Music** (.5-3)
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.
Note: May be taken 4 times for a maximum of 9 units
Transfer acceptability: CSU; UC – Credit determined by UC upon review of course syllabus.
Workshops in various special topics in music.
- MUS 198 Palomar Symphony Orchestra** (.5,1)
1½ or 3 hours laboratory
Prerequisite: Enrollment subject to audition
Note: May be taken 4 times
Transfer acceptability: CSU; UC
Study, rehearsal, and performance of a wide variety of orchestral literature from the Baroque, Classical, Romantic, and 20th Century styles. Attendance at all scheduled performances is required.

MUS 210 Advanced Harmony (3)
 3 hours lecture 2 hours laboratory
Prerequisite: A minimum grade of 'C' in MUS 106
Corequisite: MUS 215
Transfer acceptability: CSU; UC
 Analysis and written work in altered chords, chromatic harmony, modulation, structural form (sonata allegro), and 20th Century developments. Required concert attendance.

MUS 211 Counterpoint (3)
 3 hours lecture-2 hours laboratory
Prerequisite: A minimum grade of 'C' in MUS 210
Corequisite: MUS 216
Transfer acceptability: CSU; UC
 Analysis and written work in two and three voice counterpoint in the 18th Century style (invention and fugue). Required concert attendance.

MUS 215 Music Skills III (1)
 1 hour lecture - 3 hours laboratory
Prerequisite: A minimum grade of 'C' in MUS 111
Transfer acceptability: CSU; UC
 Continuation of MUS 111 and four part harmonic dictation. Introduction to chromatic dictation. Required for students with a major in music, but open to all students.

MUS 216 Music Skills IV (1)
 1 hour lecture - 3 hours laboratory
Prerequisite: A minimum grade of 'C' in MUS 215
Note: May be taken 3 times; maximum of 4 completions in any combination of MUS 110, 111, 215, 216
Transfer acceptability: CSU; UC
 Continuation of MUS 215 and contrapuntal dictation. Required for students with a major in music, but open to all students.

MUS 220 Applied Music (3)
 1½ hours lecture - 4½ hours laboratory
Corequisite: MUS 222 and at least one music ensemble (MUS 134, 137, 138, 143, 147, 148, 149, 150, 151, 152, 155, 157, 158, 159, 172, 173, 184, 198)
Limitation on Enrollment: Enrollment subject to audition
Note: May be taken 4 times
Transfer acceptability: CSU; UC
 Individual lessons with music instructor developing basic techniques in applied music. Student is required to practice on campus, be concurrently enrolled in a music ensemble, participate in Performance Studies class, and perform for music juries at the conclusion of the semester.

MUS 222 Performance Studies (.5)
 2 hours laboratory
Corequisite: MUS 220
Note: May be taken 4 times
Transfer acceptability: CSU; UC
 A combination of private studio instruction in instrument or voice with an off campus instructor, plus on campus training in performance skills.

Required conditions:

1. Fourteen clock hours of instruction with a private instructor and adequate practice time are required.
2. At the end of the semester the student will be required to perform for the Music Faculty.
3. Student should have necessary skills and technique on chosen instrument to begin training in public performance.

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| a. Piano | m. Baritone Horn |
| b. Harpsichord | n. Tuba |
| c. Organ | o. Percussion |
| d. Voice | p. Violin |
| e. Flute | q. Viola |
| f. Oboe | r. Cello |
| g. Clarinet | s. Contrabass |

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|----------------|------------------------|
| h. Saxophone | t. Harp |
| i. Bassoon | u. Classical Guitar |
| j. French Horn | v. Classical Accordion |
| k. Trumpet | w. Studio Guitar |
| l. Trombone | |

MUS 223 Premier Chamber Ensembles (1)
 3 hours laboratory
Note: May be taken 4 times
Transfer acceptability: CSU; UC
 Chamber music ensembles for advanced performers. Enrollment subject to audition.

MUS 224 Introduction to Jazz Piano (2)
 1 hours lecture - 3 hours laboratory
Prerequisite: A minimum grade of 'C' in MUS 117 or the passing of equivalency test
Note: May be taken 4 times
Transfer acceptability: CSU; UC (Pending)
 Provides students with a practical knowledge and proficiency in concepts pertaining to jazz piano, including reading chord symbols, chord voicings, stylistically appropriate accompaniment, and improvising in a jazz and/or pop music idiom.

MUS 225 Piano Skills II (2)
 1 hour lecture - 3 hours laboratory
Prerequisite: A minimum grade of 'C' in MUS 119 or the passing of equivalency test
Note: May be taken 4 times; maximum of 4 completions in any combination of MUS 119, MUS 225
Transfer acceptability: CSU; UC
 Continuation of piano techniques with emphasis on improvised accompaniments, sight reading, ensemble playing, pedaling, and practice techniques.

MUS 227 Accompanying Ensemble (1)
 3 hours laboratory
Prerequisite: A minimum grade of 'C' in MUS 225 or the passing of equivalency test
Note: May be taken 4 times
Transfer acceptability: CSU
 Techniques of, and practical experience in, piano accompaniment for ensembles, vocalists, and instrumentalists.

MUS 241 Solfege II (1)
 1 hour lecture
Prerequisite: A minimum grade of 'C' in MUS 240
Note: May be taken 2 times
Transfer acceptability: CSU
 Review sight-reading and writing in pentatonic scales and progress to major and minor scales, continuing to focus on sight-singing, ear training, keyboard and written scales using relative and absolute solmization.

MUS 250 Choral Conducting (.5)
 1 hour lecture/laboratory
Prerequisite: A minimum grade of 'C' in MUS 105 or MUS 245 or experience in conducting choirs
Transfer acceptability: CSU
 Practical conducting methods for choral musicians. Discussion and study of issues concerning musical rehearsal and performance with treble, SAB and SATB choral ensembles.

MUS 251 Master Class in Keyboard Literature, Analysis and Performance (.5, 1, 1.5, 2, 3)
 1, 2, 3, 4, or 6 hours lecture/laboratory
Prerequisite: A minimum grade of 'C' in MUS 225 or the passing of equivalency test
Note: May be taken 4 times
Transfer acceptability: CSU
 Survey of keyboard literature presented in a master class format. Analysis of styles and techniques of solo and ensemble performances.

MUS 297 Experimental Topics in Music (5-3)
 Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture or laboratory may be scheduled by the department. Refer to Class Schedule.

Prerequisite Enrollment subject to project approval.

Note: May be taken 4 times

Transfer acceptability: CSU; UC (Pending) - credit determined by UC upon review of course syllabus.

Advanced music projects including individual research, tutoring and performance for college classes and community projects.

Networking

See CSIS - Networking

Nursing Education (NURS)

Contact the Nursing Education Department for additional information.

(760) 744-1150, ext. 2279

Office: NO-1

For transfer information, consult a Palomar College Counselor.

Associate of Arts (AA) Degree:

AA Degree requirements are listed in Section 6 (green pages).

- Nursing

Associate of Science (AS) Degree:

- Nursing

The Associate Degree Nursing program is accredited by both the California Board of Registered Nursing and the National League for Nursing Accrediting Commission (NLNAC), 61 Broadway, New York, NY 10006, 1-800-669-1656.

GENERAL INFORMATION

The Associate Degree Nursing program prepares graduates to provide direct nursing care to patients in hospitals and other health agencies at a staff nurse level. The curriculum consists of coursework in nursing, general education, and clinical nursing practice in local hospitals and other health agencies. The Nursing faculty of the College is directly responsible for all phases of the program.

Palomar College has two Associate Degree options available in Nursing. The Associate of Arts (AA) in Nursing Degree meets the requirements of Title V and the Board of Registered Nursing (BRN). The Associate of Science (AS) in Nursing Degree meets the requirements of Title V, Board of Registered Nursing (BRN), and National League of Nursing Accreditation Commission (NLNAC).

Admission to the nursing program is by special application. To be eligible for consideration, applicants must (1) be eligible for admission to Palomar College; (2) attend a Nursing Orientation meeting; (3) submit proof of high school graduation or equivalency or higher; (4) have a GPA of 2.5 in prerequisite sciences; (5) pass the Test of Essential Academic Skills (TEAS) with a composite score of at least 67%; and (6) submit a completed application along with the required documentation.

LICENSURE: Upon successful completion of either the Associate of Arts (AA) in Nursing Degree or the Associate of Science (AS) in Nursing Degree, students will be eligible to apply to take the National Council Licensure Examination for Registered Nurses (NCLEX RN). If performance on the examination is successful, they will be licensed as a registered nurse.

Students who are LVNs and who are electing the Non-Degree 30 Unit Option, as well as students who do not complete the requirements for the Associate of Arts (AA) or the Associate of Science (AS) in Nursing but who successfully complete the required nursing and support courses, are eligible to apply to take the National Council Licensure Examination for Registered Nurses (NCLEX RN) as a NON-DEGREE Candidate. If successful, they will be licensed as a RN by the California Board of Registered Nursing. Endorsement of a non-degree graduate RN in other states is not guaranteed because these regulations are unique

to California. ONCE THE LICENSING EXAM IS TAKEN, STATUS CANNOT BE CHANGED FROM NON-DEGREE TO DEGREE REGARDLESS OF SUBSEQUENT DEGREES EARNED.

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.

CREDIT BY EXAMINATION: 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.

STUDENTS WITH A PREVIOUS BACHELOR'S DEGREE: As per the Education Code, SB 1393, students with baccalaureate or higher degrees from a regionally accredited college in a non-nursing field are only required to complete the course work necessary for completion of the registered nursing program, including prerequisites and nursing coursework. These students are not required to complete any other courses required by the college for an associate degree.

CONTINUING EDUCATION FOR NURSES

Continuing Education Units (CEUs) for currently licensed RNs and LVNs can be earned through a variety of Palomar College academic classes. CEU documentation can be awarded by the Community Development office upon successful completion of coursework. For information on CEU options for nurses call (760) 744-1150, ext. 2702.

PROGRAMS OF STUDY

Associate of Arts (AA) in Nursing

For students starting the Associate of Arts (AA) in Nursing during Fall 2010 or later:

Requirements for an AA in Nursing

MATH 56, 60, or an appropriate score on an approved math exam	0- 4
BIOL 102* Molecules and Cells or equivalent	3
MICR 200 Fundamentals of Microbiology	4
ZOO 200 Anatomy	4
ZOO 203 Physiology	4

Semester I

NURS 117 Nursing I	9
NURS 103 Nursing Foundation I	2

Semester II

NURS 118 Nursing II	9
NURS 203 Nursing Foundation II	1

Semester III

NURS 217 Nursing III	9
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