HECCC ASSOCIATE DEGREE NURSING PREREQUISITE GRID

HECCC GRID

2007-2008
Established: Fall 1993

CSU STANISLAUS, COLUMBIA, MERCED, MODESTO JUNIOR AND SAN JOAQUIN DELTA COLLEGES

This grid is published for informational purposes. Although every effort has been made to ensure its accuracy, it is not considered an irrevocable contract between HECCC and the student. HECCC reserves the right to change provisions and descriptions at any time while taking precautions that such changes do not adversely affect enrolled students. **Students are advised to consult their college counselor for supplementary information.**

**Key to Symbols**
- * Course articulated, not CAN qualified.
- ^ Prerequisite for program entrance.
- + Required for graduation.
- # Completion of these courses enhances program admission.
- @ Modesto requires a Physiology course which is not combined with any other subject.

**NURSING PROGRAM PREQUISITES:**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CAN NO.</th>
<th>COLUMBIA</th>
<th>MERCED</th>
<th>MODESTO</th>
<th>SJ DELTA</th>
<th>CSU STAN</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANATOMY</td>
<td>BIOL 10</td>
<td>BIOL 10</td>
<td>BIOL-16^ (formerly ANAT-25^)</td>
<td>ANAT 125^</td>
<td>BIOL 31^</td>
<td>ZOOL 2250 &amp; 2252</td>
</tr>
<tr>
<td>PHYSIOLOGY</td>
<td>BIOL 12</td>
<td>BIOL 60</td>
<td>BIOL-18^ (formerly PHYSO-01^)</td>
<td>PHYSO 101^@</td>
<td>BIOL 32^</td>
<td>ZOOL 2230 &amp; 2232</td>
</tr>
<tr>
<td>MICRO-BIOLOGY</td>
<td>BIOL 14</td>
<td>BIOL 65</td>
<td>BIOL-20^*</td>
<td>MICRO 101^</td>
<td>BIOL 22^ OR BIOL 23^</td>
<td>MBIO 3010 &amp; 3032</td>
</tr>
<tr>
<td>FUND. CHEM OR GENERAL CHEM</td>
<td>CHEM 6 OR CHEM 2</td>
<td>CHEM 10 OR CHEM 1A</td>
<td>CHEM-02 A^ OR CHEM-04 A</td>
<td>CHEM 142^ OR 143</td>
<td>CHEM 3A OR CHEM 1A</td>
<td>CHEM 100^ OR 1002^ OR CHEM 1100^</td>
</tr>
<tr>
<td>FOOD/NUTRITION Required by SJDC</td>
<td>FCSC 2</td>
<td>BIOL 50</td>
<td>NUTR-10 (not a required prerequisite for MC)</td>
<td>FDNTR 219 (not a required prerequisite for MJC)</td>
<td>FCS 6^</td>
<td>NONE</td>
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Revised: **10-16-06** 12-12-07
<table>
<thead>
<tr>
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<th>CAN NO.</th>
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<tbody>
<tr>
<td>ENGLISH</td>
<td>ENGL 2</td>
<td>ENGL 1A</td>
<td>ENGL-01 A^+</td>
<td>ENGL 101^+</td>
<td>ENGL 1A^</td>
<td>ENGL 1001^</td>
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<tr>
<td>MATH MJC only</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>MATH 101 OR MATH 100A AND MATH 100B or place into MATH 104 or higher</td>
<td>MATH 70 OR MATH 71 OR MATH 72 OR place into MATH 90 or higher</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>MATH-A or higher (not a required prerequisite for MC)</td>
<td></td>
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<td></td>
<td>MATH 80 or higher</td>
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</tbody>
</table>

**CAMPUS SPECIFIC NURSING PROGRAM ADN GE BREADTH REQUIREMENTS**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CAN NO.</th>
<th>COLUMBIA</th>
<th>MERCED</th>
<th>MODESTO</th>
<th>SJ DELTA</th>
<th>CSU STAN</th>
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</thead>
<tbody>
<tr>
<td>PSYCHOLOGY</td>
<td>PSY 2</td>
<td>PSYCH 1</td>
<td>PSYC-01A OR PSYC-01AH (Not required for MC program)</td>
<td>PSYCH 101+</td>
<td>PSYCH 1+</td>
<td>PSYC 2010</td>
</tr>
<tr>
<td>HUMAN DEVELOP</td>
<td>NONE</td>
<td>PSYCH 10</td>
<td>PSYC-09/ CLDV-09+ (prior to or concurrent with REGN-25 for the 2nd semester Nursing Program)</td>
<td>PSYCH 141 (not required for MJC program)</td>
<td>HS 19 &amp; FCS 19</td>
<td>NONE</td>
</tr>
<tr>
<td>Required by MC only</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>CULT. ANTHRO OR SOCIOLOGY</td>
<td>ANTH 4 OR SOC 2</td>
<td>ANTHR 2 OR SOCIO 1</td>
<td>ANTH-02+ OR SOC-01+</td>
<td>ANTHRO 102+ OR SOCIO 101+ OR (SEE CAMPUS SPECIFIC NOTES FOR CHOICES)</td>
<td>ANTHR 1 OR SOCIO 1A (Not required)</td>
<td>ANTH 2060 OR SOCIO 1B+ OR SOCL 2240</td>
</tr>
<tr>
<td>Required by SJDC only.</td>
<td>SOC 4</td>
<td>SOCIO 2</td>
<td>SOC-02 (not required for MC program)</td>
<td>SOC 102 (not required for MJC program)</td>
<td>SOCIO 1B+</td>
<td>SOCL 2240</td>
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<tr>
<td>FUNDAMENTAL SPEECH OR INTERPERSONAL SPEECH</td>
<td>SPCH 4 OR SPCH 8</td>
<td>SPCOM 1, 4 OR SPCOM 1, 4</td>
<td>COMM-01+ OR COMM-05+</td>
<td>SPCOM 100+ OR SPCOM 102+</td>
<td>COM ST 1A OR COMM 2000^ OR 2110</td>
<td>COMM 2000^ OR 2110</td>
</tr>
</tbody>
</table>

Source: This articulation grid is produced by the Higher Education Consortium of Central California. HECCC is a partnership of the following institutions: California State University Stanislaus, Merced College San Joaquin Delta College, University of California Merced, and Yosemite Community College District which is comprised of Columbia College and Modesto Junior College.
CAMPUS SPECIFIC NOTES:

COLUMBIA COLLEGE: Columbia College does not offer an ADN Program. The college does offer courses that satisfy prerequisite and program requirements for programs at the other HECCC institutions.

CSU STANISLAUS: Students preparing for admission to the Pre-licensure for CSU Stanislaus Nursing Program should refer to the Pre-licensure Program Grid.

Minimum Admissions Requirements to the Upper-Division Nursing Major:

Students seeking to enter the program must have:
1. completed 60 semester units of baccalaureate-level transferable college credit,
2. completed an AD or Diploma in nursing with a minimum of 30 semester units of nursing course work, earning a “C” or better in each course,
3. completed at least half of the University’s General Education breadth requirements, including oral and written communication, critical thinking (at least 9 semester units), and the requirement in mathematics (statistics) or quantitative reasoning (usually 3 semester units),
4. completed an acceptable college-level chemistry course, equivalent to CHEM 1000, of at least 3 semester units with a grade of “C” or better,
5. a current license as a Registered Nurse in California,
6. file an application to the University, and
7. file an application to the Department of Nursing.

Merced: Program prerequisite advisory is REGN-50 Nursing Careers Seminar. Additional requirements: HIST-17A, 17B or POSC-01; 2 units of PHED; any humanities course - Area C; reading competency met by ENGL-41 or all AS Breadth courses completed with “C” or better; Math-A or higher level course for math competency. Complete information, selection process and enrollment forms are contained in the RN Application Handbook, available in the Merced College Bookstore, or through the web site:

www.merced.edu/alliedhealth/regnurshp.htm

Selection Process

The Merced College Registered Nursing Program utilizes a merit-based selection process. The following four values are used to create a pool of merit-selected applicants:

1. **Degree Applicable GPA**
   (includes all degree applicable upper and lower division coursework)
   (Applicants must submit transcripts from all colleges attended.)

2. **ENGL-01A or its equivalent**
   a. The most recent grade will be used.
      (AP scores cannot be used. Equivalency will be determined by the Merced College Transcript Evaluator. These decisions will be considered final.)

3. **Core of Life Science GPA**
a. **BIOL-16** (formerly **ANAT-25**), **BIOL-18** (formerly **PHYO-01**), and **BIOL-20** or equivalents

b. The most recent grade for the core life science courses will be used.

4. **Core Life Science Attempts**

   a. Within 5 years of applying to the program, a student’s transcript(s) may show **only 4** total attempts to complete the 3 core life science courses. The overall composite score is lowered for each additional attempt of the core life science coursework. Please note: Grades of “W” **count** as attempts.

Using the merit-based selection process above, those applicants scoring 80% or higher will be included into a merit-based selection pool. Randomized selection will be used to select an in-coming class of students from this merit-based selection pool. These students will be sequentially numbered from one to the maximum allowed for the incoming class, including a predetermined number of alternate students.

Depending on the number of qualified applicants and constraints of the Chancellor’s Office merit-based selection model, the merit-based selection pool will vary in size from semester to semester.

**Units in Residence**

Priority will be given to applicants who have completed 12 or more units at Merced College.

**Multiple Applications**

Applicants not selected to be part of the in-coming class must reapply or reactivate their application and are responsible for updating their information to comply with local and/or state requirements. There is no waiting list maintained for entrance into the R.N. Program.

**Assessment Testing**

Students selected in the RN Program must pass an assessment test. If the student does not meet the established score they must go through a remediation program. Further details about assessment testing will be published on the Allied Health, Registered Nursing web page.

**Modesto:** Approximately seventy students are accepted each semester (60 students from MJC and 10 students from CC). Students must be a high school graduate or have the equivalent (GED or college degree). Math and reading competency must be met by the time of application. Reading: Students have two chances to pass the Accuplacer reading assessment test with a score of 70 or higher or they must take and pass Reading 184 (Critical Reading) with a grade of C or better or verify an Associate or higher degree from an accredited U.S. college was completed as verified by a transcript on file in the MJC Records Office. Please call the Assessment Center at 575-7728 for the Accuplacer Reading testing times. Math: Math placement eligibility for MATH 90 (Intermediate Algebra) or higher or the completion of MATH 70 (Elementary Algebra) with a grade of C or better or MATH 71 and MATH 72 (Elementary Algebra sequence) with a grade of C or better. Anatomy 125, Physiology 101 and Microbiology 101 must be completed with a letter grade of C or better and have a GPA of 2.67 or higher in these core biology prerequisites. ENGL 101 must also be completed with a letter grade of C or better. In addition to Sociology 101 or Anthropology 102, a student can complete Sociology 125 or 150 or 154 or 156 for MJC’s nursing program. Note: Students planning to pursue a B.S. degree in Nursing at CSU Stanislaus should complete the Sociology 101 option. Selection Process: The MJC ADN Program uses the California Community College Chancellor’s Model for selection of program applicants. The cut score for acceptance is 75%. A lottery will be used to select students from the pool of all applicants with a score of 75% and above. The following four values are included in the selection formula for the Chancellor’s
Model: College GPA: All lower division courses with grades on transcripts are included in calculating this GPA. College English GPA: All lower division English courses are included in calculating this GPA. Core Biology GPA (Anatomy 125, Physiology 101, and Microbiology 101): The highest grade for the core biology courses (Anatomy 125, Physiology 101 and Microbiology 101) will be used. If a student is permitted to repeat a course for a grade improvement in which the student initially received a C or higher, the highest grade will be used to calculate the core biology GPA. Core Biology Repetitions: The overall composite score is lowered for each repetition of the core biology coursework (NC, W, D and F). C grades will not be counted as repetitions. Note: The Chancellor’s Model only penalizes students for repeats within 6 years of application to the program. NC, W, D and F grades in the core biology courses will not be counted as repeats if they are more than six years old. Units in Residence: Priority will be given to applicants with 12 or more units completed or in progress at MJC and/or Columbia College.

Beginning Spring 2008, applicants must take the Test of Essential Academic Skills (TEAS) and pass with a score of 67 or higher for their application to be processed in the Chancellor’s Model. Information on the TEAS will be given to all program applicants. It is highly recommended that students review the TEAS study guide prior to taking the TEAS. Information on the study guide can be found at www.atitesting.com by clicking on “shop online” under products.

For additional program information contact Allied Health, 575-6362. For academic advising, contact the Counseling Office, 575-6080.

San Joaquin Delta: San Joaquin Delta College offers a state and nationally accredited associate degree in nursing (ADN) program. The ADN program prepares graduates eligible to take the National Council Licensing Examination for Registered Nurses (NCLEX-RN). Following licensure, graduates are qualified to provide patient care in a variety of health care settings within the Registered Nurse scope of practice. A San Joaquin Delta College certificate is awarded upon successful completion of the program. The program is approved by the California Board of Registered Nursing and accredited by the National League of Nursing Accrediting Commission (NLNAC), 61 Broadway, New York, NY 10006.

Prerequisite Verification Procedure

1. Candidates must be admitted to San Joaquin Delta College of submit an application for college admission prior to submitting the Prerequisite Verification packet to the nursing program.

2. All candidates must satisfy the college assessment placement test requirements for coursework completed at colleges other than SJDC.

3. Official college transcripts must be submitted with the nursing Prerequisite Verification packet. Transcripts must be presented in official, sealed envelopes.

4. Candidates must complete all prerequisite courses (or equivalent) with a grade of “C” or higher. All prerequisite courses must be completed prior to applying to the program.

5. Prerequisite courses completed at colleges and universities other than San Joaquin Delta College must be comparable in theory and laboratory content and hours of instruction to Delta College courses. Official transcripts for prerequisite courses taken at other colleges and universities must be submitted with the Prerequisite Verification to the nursing program along with course outlines and descriptions. Determination of course comparability will be completed by the college evaluators. All courses must be completed with a grade of “C” or better.

6. Submission deadlines for Prerequisite Verifications are as follows:
   September 1 to October 15 for entry into the spring semester
   February 1 to March 15 for entry into the fall semester
7. Prerequisite Verifications and additional required documents must be submitted to Admissions and Records, Holt Center, Room 101 during the identified submission period. Prerequisite Verifications will NOT be accepted at any other times. Late or incomplete Prerequisite Verifications will not be accepted.

Selection Procedure

The following process will be utilized to select students for the program:

1. Four statistically validated criteria will be utilized:
   a. College GPA which includes all college coursework, both upper and lower division (ColGPA)
   b. English 1A, grade, or equivalent (EngGPA)
   c. Cumulative GPA of all core biology courses: Anatomy, Physiology, and Microbiology (BioGPA)
   d. Number of repetitions of core biology courses (BioReps)

2. Each criterion will be entered into the formula below:

   \[ \frac{\exp(-1.3907 + .3465(ColGPA) + .3139(EngGPA) + .267(BioGPA) - 1.0279(BioReps))}{1 + \exp(-1.3907 + .3465(ColGPA) + .3139(EngGPA) + .267(BioGPA) - 1.0279(BioReps))} \]

3. The numerical value obtained by use of the formula will be utilized for competitive ranking of candidates.

4. 75% of the spaces will be allotted to candidates with the highest numerical values who provide documentation of residency within the college district for a minimum of one year and one day prior to the first day of the term of entry into the program (fall or spring). The remaining 25% of spaces will be allotted to remaining candidates with the highest numerical values without consideration of residency.

5. If more than one candidate has the same numerical value, the date and time when the complete Prerequisite Verification was submitted to the Admissions and Records will be utilized to determine ranking order.

6. Studies to identify any disproportionate impact will be on-going. In the event it is verified that disproportionate impact exists; a minimal cut-score for acceptance of Prerequisite Verifications will be established. All candidates with a numerical value at or above the cut score will be accepted. The allotment of spaces will be based on date of application with 75% of candidates verifying residency and 25% accepted without determination of residency. Admission will be based on date of submission of Prerequisite Verification.

Acceptance into the clinical portion of the program is contingent upon medical clearance and completion of health and safety requirements including immunizations, malpractice insurance, and Cardiopulmonary Resuscitation (CPR) certification and any other such requirements.

Background Clearance

All clinical facilities will be requiring nursing students to complete a criminal background clearance check prior to placement in the clinical area. Students who cannot receive background clearance will not be placed in the clinical sites and will be unable to complete course objectives. Students will also be required to present documentation of clearance and other clinical requirements information to each
clinical site to which they are assigned throughout the program. Candidates who have a criminal background should consider this factor when considering a career in nursing. The program cannot guarantee placement in clinical for students who cannot complete criminal background clearance.

In addition to the above, each student must complete an in-depth criminal background check when applying for licensure as a registered nurse. All convictions, felonies and misdemeanors, must be divulged during this process. Licensure is granted by the California Board of Registered Nursing and is not guaranteed. More information regarding this process is available at the BRN website: www.rn.ca.gov.

Additional Information
Information regarding program requirements and courses is included in the program brochure available in the Family, Consumer, and Health Sciences Division Office, Shima Center, Room 115, the Nursing and Health Sciences Office, Locke 213, the nursing website nursing.deltacollege.edu and the Counseling Center, Danner Hall, Room 205. Prerequisite Verification packets are also available in Admissions and Records, Holt Center, Room 101.

Recognition is given for prior education and training. Certified Nurse Assistants, Psychiatric Technicians, and Licensed Vocational Nurses may be eligible to enter the program as an upgrade candidate. Information and applications for CNA-ADN, PT-ADN, and LVN-ADN are available in the Family, Consumer, and Health Sciences Division Office, Shima Center, Room 115 and on the nursing web site.

Up to fifteen (15) units of credit may be earned through challenge examinations. See the “Credit by Examination” section I the college catalog.

Student requesting transfer to the ADN program from other registered nursing programs must submit a Prerequisite Verification for transfer, a letter of good standing from their prior program administrator and official transcripts from the college where course work was completed along with detailed nursing course syllabi, course outlines and objectives. Prerequisite Verifications for transfer will be reviewed by the nursing program faculty and director for determination of acceptance and placement in the program. Verifications for transfer are available in the Nursing Office, Locke 213. Transfer applications are accepted only during the submission periods of September 1 – October 15 and February 1 – March 15.

Additional Prerequisite Information
The sciences have a prerequisite of Chemistry 3A which in turn requires completion of Math 80 with a grade of “C” or better. Candidates who have completed at least two semesters of high school chemistry with a grade of “C” or better and Algebra 1 in high school with a grade of “C” or better may have met these requirements. Please see a college counselor to discuss this option.

Contact Allied Health Program of your choice before submitting a Prerequisite Verification packet to any of these programs.

<table>
<thead>
<tr>
<th>Program</th>
<th>Phone Number</th>
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<tbody>
<tr>
<td>Columbia College</td>
<td>588-5109</td>
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<tr>
<td>CSU, Stanislaus</td>
<td>667-3141</td>
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<tr>
<td>Merced College</td>
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<tr>
<td>Modesto Junior College</td>
<td>575-6362</td>
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<tr>
<td>San Joaquin Delta College</td>
<td>954-5516</td>
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