

# ASSOCIATE OF ARTS/SCIENCE DEGREE REQUIREMENTS HECCC GRID 2003-2004

## COLUMBIA, MERCED, MODESTO JUNIOR, AND SAN JOAQUIN DELTA COLLEGES

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**Key to Symbols**

- \* = Lab
- \*\*=credit allowed one course only
- ^= American Institutions, course can be used in one area only
- + = transfer credit may be limited by UC or CSU or both

*Approved: OCTOBER 14, 2002*

	COLUMBIA	MERCED	MODESTO	SJ DELTA
<p><b>AREA A. NATURAL SCIENCE</b></p>	<p><i>3 courses required: one each from B.1, B.2, B.4. Courses from B.1 or B.2 must include a lab as listed in B.3*</i></p> <p><b>B.1</b> CHEM 1A*, 1B*, 10*, 20 ESC 5*, 10, 30, 40, 60 GEOGR 15 PHYCS 1, 4A, 4B, 5A*, 5B*</p> <p><b>B.2</b> BIOL 2*, 4*, 6*, 10*, 17*, 24*, 60*, 65*</p> <p><b>B.3</b> BIOL 2*, 4*, 6*, 10*, 17*, 24*, 60*, 65* CHEM 1A*, 1B*, 10* ESC 5* PHYCS 4A, 4B, 5A*, 5B*</p> <p><b>B.4</b> MATH 2, 4A, 4B, 6, 8, 10, 12, 16, 18A, 18B, 18C, 100B, 101, 165 BUSAD 163</p> <p><i>Course from B.4 must be completed with a C or better grade.</i></p> <p><b>FOR AS (OCCUPATIONAL EDUCATION) DEGREE:</b> Two courses required: one course from B.1 or B.2 and one course from B.4 above.</p> <p><i>Courses from B.4 must be completed with a C or better grade.</i></p>	<p>AA-3 units AS-6 units</p> <p><b>B.1</b> ARCH 01 ASTR 01 CHEM 01A*, 01B*, 02A*, 02B* GEOG 01 GEOL 01* PHSC 01, 01L* PHYS 02A*, 04A*, 10 SOIL 10*</p> <p><b>B.2</b> ANAT 25* ANSC 10 ANTH 01* BIOL 01*, 04*, 06, 08, 20*, 25 BOT 01* GENE 10 PHYO 01* PLSC 10* ZOO 01*</p>	<p>3 units AG 376 AP 50, 150 ANSC 200 ANTHR 101, 105* ASTRO 141, 160 BIOL 50, 101*, 111*, 114, 115, 128, 130/130L*, 140*, 145* BOT 110* CHEM 101*, 142*, 143*, 150 EASCI 161* ELTEC 208/INTEC 208 ENSCI 108 FDNTR 219, 351 GEOG 101 GEOL 64, 160, 161*, 165, 166* METEO 160 MICRO 101* NR 200, 215, 220 PHSCI 52, 161, 164* PHYS 101*, 142*, 160, 164, 165* PLSC 200, 230 PSYCH 103 ZOO 110*</p>	<p><i>One course from:</i> AH SC 10, OR 10* 10L* ANTH 2 OR 2 + 2L* ASTRO 1* OR 1+1L* BIOL 10, 11 CHEM 1A*, 3A*, 10 FCS 6 GEOG 1 OR 1/1L* GEOL 10 NR 2 PHSC 1 PHYSICS 10 PLANT 10</p>

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<p><b>AREA B. SOCIAL SCIENCE</b></p> <p>+ designed to meet ethnic studies requirement</p>	<p>Two courses required: one from HIST. 16 or 17 or POLSC 10 and one from D.1- D.0 excluding HIST. 16, 17 or POLSC 10</p> <p><b><u>D.1</u></b> ANTHR 1, 2,3, 10, 15+</p> <p><b><u>D.2</u></b> ECON 10, 11</p> <p><b><u>D.3</u></b> ANTHR 15+ HIST 20+ SOCIO 5+</p> <p><b><u>D.4</u></b> HIST 21</p> <p><b><u>D.5</u></b> GEOGR 12, 18</p> <p><b><u>D.6</u></b> HIST 11, 13, 14, 16<sup>^</sup>, 17<sup>^</sup>, 20+, 21, 55</p> <p><b><u>D.7</u></b> CHILD 22 JRNAL 1 NATRE 1</p> <p><b><u>D.8</u></b> POLSC 10<sup>^</sup>, 12, 14</p> <p><b><u>D.9</u></b> CHILD 1 PSYCH 1, 35</p> <p><b><u>D.0</u></b> SOCIO 1, 2, 5+</p> <p><b>FOR AS (OCCUPATIONAL EDUCATION) DEGREE:</b> Two courses required: one course from HIST 16 or 17 or POLSC 10; and one course from D1-D0 above. (HIST 16, 17 and POLSC 10 may not be double counted in Area B).</p>	<p>6 units, one course from each category.</p> <p><b><u>Category 1</u></b> AGBS 11 CRIM 01 CPSC 24 ANTH 02, 10 ECON 01A, 1B GEOG 02, 30 PSYC 01A, 01AH, 51 SOC 01, 02</p> <p><b><u>Category 2</u></b> HIST 04A, 04B, 8A, 8B, 09A, 09B, 17A, 17AH, 17B, 17BH, 21, 22, 23, 24, 29, 51A, 51B POSC 01, 02 SCSC 01</p>	<p>3 units minimum:</p> <p>ADJ 201 AGEC 210 AG-GE/INDIS 146 ANTHR 102, 140 BUSAD 240 CLDDV 245 ECON 101, 102, 115 ENSCI/INDIS 110 GEOG 102, 105, 110 HIST 101, 102, 106, 107, 112, 113, 115, 119, 128, 154, 155 HUMSV 101 INDIS 105, 55 POLSC 101, 102, 110, 120, 160 PSYCH 51, 101 SOCIO 101, 102, 131, 150, 154, 156 SOCSC 105, 110</p>	<p>One from each group:</p> <p><b>Group A:</b> HIST 17A, 17B, 27, 30A, 30B, 31, 34 POLSC 1</p> <p><b>Group B:</b> AGBUS 12 ANTH 1, 10 ECON 1A, 1B GEOG 2, 10 HIST 2A, 2B, 4A, 4B, 6A, 6B FCS 21, 26 POLSC 10 PSYCH 1 SOCSC 30 SOCIO 1A</p>

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<b>AREA C. HUMANITIES</b>	<p>2 courses: one from C.1 and one from C.2</p> <p><b>C.1</b> ART 11, 12, 13 DRAMA 10, 20, 42, 43 H-HP 20, 27 MUSIC 2, 10, 11, 12</p> <p><b>C.2</b> ENGL 1B*, 11, 17, 18, 46, 47, 49, 50 HUMAN 1, 2, 3, 4 INDIS 1 PHILO 1, 4, 25 SPAN 1A, 1B, 2A, 2B</p> <p>*ENGL 1B can be used in A.3 or C.2 but not both.</p> <p><b>FOR AS (OCCUPATIONAL EDUCATION) DEGREE:</b> One course required from C.1 or C.2 above.</p> <p>*Engl 1B can be used in A.3 or C.2 but not both.</p>	<p>3 units minimum:</p> <p>ART 01, 02, 03, 04, 06, 12A, 15, 24A DRAM 01, 02 DRAM 03/ENGL 03 ENGL 03/DRAM 03 ENGL/HUM 18 ENGL 01B, 05, 06A, 06B, 07, 08, 09, 10, 11 FREN 01, 01A, 01B, 02, 03 GERM 01, 02, 03 HMNG 01, 01A, 01B, 02 HUM 01, 02, 15, 21 ITAL 01, 02, 03 JPNS 01A, 01B MUS 01, 11, 12, 13, 14 PHIL 01, 01H, 03, 04, 05, 15 SPAN 01, 02, 03, 10, 11</p>	<p>3 units minimum:</p> <p>ARCH 117, 118 ART 160, 161, 162, 163, 164, 165, 168, 169 ENGL 112, 114, 116, 131, 132, 135, 136, 137, 138, 151, 156, 157, 161, 163, 168, 169, 171, 172, 173, 179 FILM 153, 154 FREN 101, 102, 103, 104 GERM 101, 102, 103, 104 HIST 104, 105 HUM 101, 105, 106, 110, 120 INDIS 55, 105 MUSIC 110, 112, 113, 118, 169 PE/THETR 194 PHILO 101, 111, 115, 120, 121, 123, 140 PORTG 51 RATV 150 SIGN 125, 126, 127 SOCSC 105 SPAN 51, 52, 101, 102, 103, 104, 111, 112, 138 THETR 100, 110, 120, 124, 150, 165;</p>	<p>One course required:</p> <p>ANTH 4 ART 1A, 1B, 2, 3, 4 CIVIL 3 DRAMA 10, 16A, 16B ENG 30, 35A, 37, 38, 39, 40A, 40B, 42A, 42B, 45, 46A, 46B, 47, 49, 52, 55, 57 FCS 43 FOREIGN LANGUAGE 1, 51-52 HUM 3, 4 MUSIC 1, 2A, 2B, 4, 7, 8 PHILO 6 SIGN LANGUAGE 22</p>

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<b>AREA D. LANGUAGE AND RATIONALITY</b>	<p>3 courses required: one each from A.1, A.2, and A.3</p> <p><b>A.1</b> SP COM 1, 4 <b>A.2</b> ENGL 1A <b>A.3</b> ENGL 1B*, 1C, SPCH 2</p> <p>*ENGL 1B can be used in A.3 or C.2 but not both</p> <p>All courses in Area A1, A2, A3 must be completed with a C or better grade.</p> <p><b>FOR AS (OCCUPATIONAL EDUCATION) DEGREE:</b> Two courses required: one course from A.2 and one course from A.1 or A.3 above.</p> <p>*Engl 1B can be used in A.3 or C.2 but not both</p> <p>All courses in Area A1, A2, A3 must be completed with a C or better grade.</p>	<p>6 units minimum: 3 units each from 1 and 2</p> <p><b>1)</b> ENGL A, 1A <b>2)</b> 3 units from: ACTG 04A CPSC 01 MATH C, D, 02, 04A, 05A, 05B, 06, 08, 10, 15, 17, 20A, 20B, 21, 25, 26 PHIL 10, 11, 12 PHIL 13/ ENGL 13 PHIL 13H/ENGL 13H COMM 01, 01H, 02, 04, 05, 30</p>	<p>6 units: 3 from D.1 and 3 from D.2</p> <p><b>D.1</b> ENGL 50, 101 <b>D.2</b> BUS AD 210 CMPSC 103, 201, 213, 241, 261, 262 CMPGR 264, 265 ENGL 103 MATH 67, 90, 101, 105, 106, 111, 115, 121, 122, 130, 134, 138, 144, 171 PHILO 103, 105, 107 SPCOM 100, 102, 104, 106, 107, 130</p>	<p>One course minimum from each group:</p> <p><b>Group A:</b> ENG 1A, 74 A/B, 79, 79L <b>Group B:</b> AG BUS 13 MATH 1, 10, 12, 13, 17A, 30, 31, 36, 82, 84A/B, 87 PHIL 30 PSYCH 12 <b>Group C:</b> COMMUNICATION STUDIES 1A, 3, 8</p>
<b>AREA E. LIFELONG UNDERSTANDING</b>	<p>One course from:</p> <p>BIOL 50 GUIDE 1, 7 H-HP 6A, 60, 65 PSYCH 5, 10, 30, 35 SOCIO 12, 28</p> <p><b>FOR AS (OCCUPATIONAL EDUCATION) DEGREE:</b> No course required in Area E.</p>	<p>5 units, 3 units from 1) &amp; 2 units from 2).</p> <p><b>1)</b>AUTO 04 BUS 35 FCSC 08, 10 FCSC 09/PSYC 09 GUID 48 HLTH 10 PSYC 09/ FCSC 09 PSYC 22, 23 <b>2)</b> PHED 01, 02, 03, 10, 11, 12, 13, 15 DNCE 14/PHED 14 PHED 14/DANCE 14</p>	<p>3 units minimum:</p> <p>FAMLF 131 HE 110, 111 PSYCH 110, 130, 141</p>	<p>One course required:</p> <p>AJ 21 BIOL 30 BUS 8, 20 CS 11 EDUC 10 ENG 34 FCS 2, 3, 5, 23 GUID 12 H ED 1 MCOM 1 PHILO 40 POLSC 5 PSYCH 30 SOCIO 1B, 27, 33 COMMUNICATION STUDIES 7, 11</p>

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<b>Competency Requirements</b>	<b>FOR AA/AS AND AS (OE) DEGREES:</b>			
<b>Written Competency</b>	ENGL 1A with C or better	Pass ENGL A/AR with C or better or ENGL 1A or equivalent with C or better.	ENGL 101 with C or better or Demonstrate English competency with an ENGL 101 eligibility on the English assessment test; or Complete ENGL 50 with C or better	Minimum Competency must be demonstrated by a grade of "C" or better in courses offered in satisfaction of Area D.
<b>Math Competency</b>	BUS AD 163, MATH 100B or 101 or 165 or higher level course with C or better or meet thru challenge exam with C or better.	MATH A (or MATH B) with C or better or any course with MATH A as a prerequisite, or the equivalent.	MATH 50, 67, 70, 71 & 72 or higher with a C or AG 280 with a C or demonstrate algebra competency with a MATH 90 eligibility on the math assessment.	
<b>Reading Competency</b>	ENGL 1A with C or better or meet thru challenge exam with C or better.	Pass ENGL 41 or equivalent with C or better or C or better in <u>each</u> course used to meet breadth.	Reading competency can be demonstrated by completion of the Title V breadth requirements for an Associate Degree with a C average or better (2.0), or by completion of Reading 184 with a C or better. Students who have previously established Reading Competency through the MJC assessment process retain those rights	
<b>Computer and Information Literacy Competency</b>		Effective Fall 2000, receive a grade of "C" or better in courses which meet the computer and information literacy competency requirements A through G. See college catalog for detailed listing.		

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<b>INSTITUTIONAL REQUIREMENTS</b>	2 H-HP activity courses (formerly PE)		<p>One course from:            GUID 109, 110, 111, 112,            116, 120, 122; AG 115;            ARCH/ENGR 100;            ST-SK 78, 120; AUBDY/            AUTECH/INTEC 115;            NURSE 115</p> <p>2 units from:            AG 100A, 100B            ART 102, 105, 106, 108,            109, 110, 120, 121, 123,            124, 125, 140, 141, 142,            144, 145, 148, 149, 150,            170, 173, 175, 189A,B, 191            CMPGR 202, 262, 284            ENGL 105, 106, 108, 109,            110            FILM 150            JRNAL 120 A,B, C            146 A,B,C            MUSIC 120, 121, 124, 127,            131, 132, 140, 141, 146,            147, 148, 149, 150, 151,            152, 153, 154, 155, 157,            158, 161, 162, 163, 166,            170, 171, 172, 180, 181,            185            Any PE Activity            RATV 131, 134, 140, 141,            SOCS 58            SPCOM 105, 108, 110,            112, 122, 123            THETR 122, 123, 131, 160,            164, 175, 178, 183, 185,            186, 187, 188, 189, 190A,B,            192, 195, 196</p>	
<b>MAJOR:</b>	AA 18 units minimum - AS/ASOE - Varies per program	AA - 18 units minimum AS - 30 units minimum	AA - 20 units minimum AS - 30 units minimum	AA - 18 units minimum AS - varies per program
<b>DEGREE APPLICABLE COURSES:</b>	Courses No. 1-199	Courses No. 1-79, A, B, and C	Courses No. 50-399	Courses No. 1-69 and 70- 99 as designated
<b>TOTAL UNITS REQUIRED FOR DEGREE:</b>	60	60	62	60