

# ASSOCIATE IN SCIENCE (AS) DEGREE

## Official MCCCAD Advisement Check Sheet

### 2006-2007 Catalog Year

The Associate in Science degree is designed for students who plan to transfer to four-year colleges and universities. In general, the components of the degree meet requirements for majors with more stringent mathematics and mathematics-based science requirements. The degree will transfer as a block without loss of credit to Arizona's public universities and other institutions with district-wide articulation agreements. Semester credits used to satisfy the AS degree will apply to university graduation requirements of the university major for which the AS is designed. See <http://www.dist.maricopa.edu/academic/curric/> for further information.

**ALL GRADES MUST BE "C" OR HIGHER**

**60 – 64 CREDITS (Numbered 100 and above) REQUIRED FOR DEGREE**

|      |                 |                               |
|------|-----------------|-------------------------------|
| NAME | ADVISOR/COLLEGE | UNIVERSITY MAJOR/CATALOG YEAR |
| SID  | DATE            | CODE: 8600                    |

| A. GENERAL EDUCATION AGECS CORE REQUIREMENTS* (35 Credits)   | CR  | GR | SEM | COMMENTS |
|--|-----|----|-----|----------|
| <b>First-Year Composition</b> (6 Credits)  |     |    |     |          |
| FYC – ENG 101 OR 107   | 3   |    |     |          |
| FYC – ENG 102 OR 108   | 3   |    |     |          |
| <b>Literacy &amp; Critical Inquiry</b> (3 credits)   |     |    |     |          |
| L  | 3   |    |     |          |
| <b>Mathematical Studies</b> (6 Credits)  |     |    |     |          |
| MA – MAT 220 or 221 or any MAT course for which MAT 220 or MAT 221 is a prerequisite   | 3   |    |     |          |
| CS   | 3   |    |     |          |
| <b>Humanities and Fine Arts</b> (6 Credits) Students are encouraged to choose courses from more than one discipline for a total of six semester credits.       |     |    |     |          |
| HU   | 3   |    |     |          |
| HU   | 3   |    |     |          |
| <b>Social and Behavioral Sciences</b> (6 Credits) Students are encouraged to choose courses from more than one discipline for a total of six semester credits. |     |    |     |          |
| SB   | 3   |    |     |          |
| SB   | 3   |    |     |          |
| <b>Natural Science</b> (8 Credits) Select 8 credits of same science. See advisor for appropriate courses.  |     |    |     |          |
| SQ – CHM 151/LL, (PHY 115 or 121), or BIO 181  | 4   |    |     |          |
| SQ or SG – CHM 152/LL, (PHY 116 or 131), or BIO 182  | 4   |    |     |          |
| <b>Cultural Diversity in the U. S. (C)</b><br>May be shared with core.   | 0-3 |    |     |          |
| <b>Historical (H) or Global (G)</b><br>May be shared with core.  |     |    | 0-3 |          |

MCCCAD Additional Requirements (0-6 Credits) May be shared with core.

|  |     |  |  |   |     |  |
|--|-----|--|--|---|-----|--|
| <b>Oral Communication</b> (0-3 Credits)        |     |  |  | <b>Critical Reading</b> (0-3 Credits)               |     |  |
| COM 100(SB), 110(SB), 225(L) or 230(SB) or (L) | 0-3 |  |  | CRE 101(L) or equivalent as indicated by assessment | 0-3 |  |

### B. GENERAL ELECTIVES TO COMPLETE 60 CREDIT MINIMUM\*

Recommend courses from common course list, Arizona Transfer Pathway Guides and/or applicable university transfer guide.

See [http://az.transfer.org/cas/students/transfer\\_guides.htm](http://az.transfer.org/cas/students/transfer_guides.htm)

|   |   |  |  |   |   |  |  |
|---|---|--|--|---|---|--|--|
| * If MAT 220 is taken – elective credit | 1 |  |  | * | 3 |  |  |
| *                                       | 3 |  |  | * | 3 |  |  |
| *                                       | 3 |  |  | * | 3 |  |  |
| *                                       | 3 |  |  | * | 3 |  |  |

\*Students must select courses for general electives that are acceptable as an equivalent course, departmental elective credit or general elective credit at all Arizona public universities according to the CEG in effect the term the course is taken. See [http://az.transfer.org/cgi-bin/WebObjects/Admin\\_CEG](http://az.transfer.org/cgi-bin/WebObjects/Admin_CEG)

Note: Completion of this AGECS and/or pathway and a minimum 2.0 on a 4.0 = A scale for Arizona residents and a minimum 2.5 on a 4.0 = A scale for non-residents, will exempt student from Arizona University admission requirements.

Students are responsible for proper selection of courses, admission into University and Professional programs, and verifying course work applicability with transfer university.

**MCCCD AGEC-A, AGEC-B and/or AGEC-S GENERAL STUDIES TRANSFER LIST\* (Last updated: October 26, 2006)**

The following courses meet general studies requirements for AGEC-A, AGEC-B and AGEC-S. Students are responsible for exceptions and/or major requirements. **The transfer value of a credit, including General Studies value, is governed by the CEG in force the term the course is taken.** Awareness areas are in parenthesis and bolded. Courses which may be shared are underlined and bolded. Check the current CEG for course information.

**LITERACY AND CRITICAL INQUIRY (L)**

|             |                                     |
|-------------|-------------------------------------|
| <b> AIS</b> | American Indian Studies 213(C)      |
| <b> CCS</b> | Chicana & Chicano Studies 101(C)    |
| <b> COM</b> | Communication 207/222/225/230/241   |
| <b> CRE</b> | Critical Reading 101                |
| <b> ENG</b> | English 111/200/213/215/216/217/218 |
| <b> ENH</b> | English Humanities 254/255(C)       |
| <b> GBS</b> | General Business 233                |
| <b> GPH</b> | Physical Geography 211              |
| <b> HUM</b> | Humanities 250(H)/251(H)            |
| <b> IFS</b> | Information Skills 101              |
| <b> IGS</b> | Integrated Studies 291(G)/293(H)    |
| <b> JRN</b> | Journalism 201/212/234              |
| <b> MCO</b> | Mass Communications 220(C)          |
| <b> PHI</b> | Philosophy 103/106                  |
| <b> POS</b> | Political Science 115               |
| <b> PSY</b> | Psychology 290AB/290AC              |
| <b> REL</b> | Religion 203(C)/205(C)              |
| <b> THE</b> | Theatre 220                         |
| <b> THP</b> | Theater Performance/Production 241  |

**MATHEMATICS (MA)**

|                |  |
|----------------|--|
| <b> AGEC-A</b> | MAT 140/141/142/(150/151/151AA-AD/152-only when AGEC completed)/172/(150 or 151 or 152 & 182)/187/212/213/220/221/225/227/230/231/240/241/251/ 261/262 |
| <b> AGEC-B</b> | MAT 212/213/220/221/225/227/230/231/240/241/251/261/262  |
| <b> AGEC-S</b> | MAT 213/220/221/230/231/240/241/251/261  |

**COMPUTER/STATS/QUANTITATIVE APPLICATIONS (C/S)**

|             |   |
|-------------|---|
| <b> AGB</b> | Agribusiness 139  |
| <b> AJS</b> | Administration of Justice Studies 119   |
| <b> AMS</b> | Automated Manufacturing System 150  |
| <b> BIO</b> | Geo. Info. Systems 219  |
| <b> BPC</b> | Bus Personal Comp 110/217AM   |
| <b> CIS</b> | Computer Information Systems 105/158/159/162/162AA/162AB/162AC/162AD/(162AB & MET 105)/(162AB & MET 105AA)/163AA/163AA & DFT 105AA)/(163AA & MET 105AA)/175JA/217AM/262 |
| <b> CSC</b> | Computer Science 100/100AA/100AB/110/110AA/110AB/150/150AA/180/180AA/180AB/181/181AA/181AB/182/183/200/200AA/200AB/210/210AA/210AB/283                                  |
| <b> DFT</b> | Drafting 105/253  |
| <b> ECE</b> | Engineering Sci. 102 & 103/102 & 103AB/102AA & 103/102AA & 103AB  |
| <b> ELE</b> | Electronics (131 & 241)/150   |
| <b> ELT</b> | Electronics Technology 241/282  |
| <b> GBS</b> | General Business 221  |
| <b> GPH</b> | Physical Geography 220  |
| <b> JAS</b> | Statistics/Social Research/Justice & Government 225   |
| <b> MAT</b> | Mathematics 206   |
| <b> PSY</b> | Psychology 230  |
| <b> SMT</b> | Semi-Conductor Manufacturing Technology 150   |

**SOCIAL AND BEHAVIORAL SCIENCES (SB)**

|             |   |
|-------------|---|
| <b> AFR</b> | African American Studies 110(C)/202(C,H)/203(H,C)/204(H,C)  |
| <b> AIS</b> | American Indian Studies 101(C,H)/105(C)/140(C,H)/141(C, H)/170 (C,H)  |
| <b> AJS</b> | Administration of Justice Studies 162/200/225/258(C)/270(C)   |
| <b> ASB</b> | Anthropology 102(G)/202(C,H)/211(G)/214(G)/222(G,H)/223(G,H)/230/235(C,H)/238(H)/245(C,H)   |
| <b> ASM</b> | Anthropology 104(H)   |
| <b> CFS</b> | Child/Family Studies 157/159/176/205/259  |
| <b> COM</b> | Communication <b>100/100AA-AC/110/110AA-AC/230/250/263(C,G)</b>   |
| <b> ECH</b> | Child Development 176   |
| <b> ECN</b> | Economics 160(H)/211/212/213(G)/250(G)  |
| <b> EDU</b> | Education 221/222(C)  |
| <b> EMT</b> | Emergency Medical Technology 258(C)   |
| <b> FSC</b> | Fire Science 258(C)   |
| <b> GBS</b> | General Business 280  |
| <b> GCU</b> | Cultural Geography 102(G)/121(G)/122(G)/141(G)/221(C, H)/223(G)/253(G)  |
| <b> HES</b> | Health Science 100  |
| <b> HIS</b> | History 100(H)/101(H)/102(G,H)/103(H)/104(H)/105(H)/105AA-AC(H)/106(C,H)/108(C,H)/109(C,H)/110(G,H)/111(G,H)/113(G,H)/114(G,H)/135(H)/140(C,H)/145(G,H)/170(C,H)/173(H)/201(C,H)/203(C,H)/204(C,H)/209(C,H)/241(H)/242(G,H)/251(H)/252(H)/254(H)/272(G,H)/273(G,H)/277(G,H) |
| <b> IBS</b> | International Business 109(G)   |
| <b> MCO</b> | Mass Communications 120   |
| <b> POS</b> | Political Science 100/110/115/120(G)/125(G)/130/140(G)/210/223(C)/285   |
| <b> PSY</b> | Psychology 101/132(C,G)/157(C,G)/215/218/225(C,G)/235(C)/240/245/250/258/260/266/270/277/280/292  |
| <b> REC</b> | Recreation 120/160  |
| <b> SBU</b> | Society and Business 200(G)   |
| <b> SOC</b> | Sociology 101/110/130/140(C)/141(C,H)/142(C)/143(C)/157/180/210/212(C)/215/240(C)/245/251/253/265/270   |
| <b> SWU</b> | Social Work 102(H)/171(H)/258(C)/292(C)   |
| <b> TEC</b> | Textiles & Clothing 105/106   |
| <b> WED</b> | Wellness Education 110  |
| <b> WST</b> | Women's Studies 100(C)/105(C)/110/120/160(C,H)/161(C,H)   |
| <b> YAQ</b> | Yaqui History 100(C,H)  |

**HUMANITIES AND FINE ARTS (HU)**

|             |   |
|-------------|---|
| <b> AIS</b> | American Indian Studies 213(C)  |
| <b> AJS</b> | Administration of Justice 123   |
| <b> ARH</b> | Art Humanities 100/101(G,H)/102(G,H)/115/118(G)/145(C)/201(G,H)/203 (H)/217(H)  |
| <b> ASB</b> | Anthropology 220/211(G)/222(G,H)/223(G, H)  |
| <b> CNS</b> | Construction & Culture 101(G,H)   |
| <b> COM</b> | Communication 241   |
| <b> DAH</b> | Dance Humanities 100(G)/201(G)  |
| <b> EDU</b> | Education 291/292(C)/294(C)   |
| <b> ENG</b> | English 200/(260 thru Sum 1 2007)   |
| <b> ENH</b> | English Humanities 110(C)/112(C)/113/114(C)/201(G,H)/202(G,H)/204/205(C)/206/214/221/222(H)/230/235/241/242/250/251(G)/254/255(C)/256/259(C)/260(C)/270/275/284(C)/285(C)/289/291/294(C)/295(C)     |
| <b> FRE</b> | French 265(G)/266(G)  |
| <b> HCR</b> | Health Care Related 210   |
| <b> HIS</b> | History 101(H)/102(G,H)/103(H)/111(G,H)/243(G,H)  |
| <b> HUM</b> | Humanities 101/105AA-AE(C)*107/108(H)/120(C)/125/190AA-AI*/201(G)/202(G)/205(H)/(205(H) & TCM145 & THE205(H)/206/208(C)/209(C,H)/210/211AA-AC(G)/213(G)/214(C)/250(H)/251(H)/260(C)/261(G,H)/292(C) |
| <b> INT</b> | Interior Design 115(H)/120(H)/225   |
| <b> LAT</b> | Latin 201/202   |
| <b> MHL</b> | Music: History/Literature 140(H)/143(G)/145(C)/146/147/153(H)/155(H,C)  |
| <b> PHI</b> | Philosophy 101/102/103/104(G)/105/106/109/201(H)/212/213/216(G)/218/224/225(C)/233AA/233AB/234AA/243(G,H)/244/245(G)/246/247(G)   |
| <b> REL</b> | Religious Studies 101/201(H)/202(G)/203(C)/205(C)/213/225(C)/243(G,H)/244/246/250(H)/270/271/290(G)   |
| <b> SPA</b> | Spanish 241(G)/242(G)/265/266   |
| <b> SPH</b> | Spanish Humanities 150(G)/151(G)/245(C)   |
| <b> STO</b> | Storytelling 292(C)/294(C)  |
| <b> TCM</b> | Telecommunications 145/[145 & THE 205(H)]   |
| <b> THE</b> | Theatre 111/205(H)/206/210/220/260  |
| <b> THP</b> | Theater Performance/Production 241  |
| <b> WST</b> | Women's Studies 209(C,H)/284(C)/285(C)/290(G)   |

**NATURAL SCIENCES (SQ & SG)**

**AGEC-A & B - SQ & SG**

|             |   |
|-------------|---|
| <b> AGS</b> | Agricultural Science 164  |
| <b> AST</b> | Astronomy (111 & 113)/(112 & 114)   |
| <b> BIO</b> | Biology (100/101/102-only one will apply)/105/108(G)/181  |
| <b> CHM</b> | Chemistry (107(G) & 107LL)/{(130 & 130LL)/(151 & 151LL-only one will apply)/(152 & 152LL)/(154 & 154LL)- only one will apply)/(230 & 230LL) |
| <b> FOR</b> | Forensics Science 105   |
| <b> GLG</b> | Geology (101(G) & 103)  |
| <b> GPH</b> | Physical Geography 111/(112 & 113)/(212 & 214)  |
| <b> PHS</b> | Physical Science 110/120(G)   |
| <b> PHY</b> | Physics 101/111/112/115/116/121/131/252   |

**AGEC-A & B -- SG**

|             |   |
|-------------|---|
| <b> ASB</b> | Anthropology 231  |
| <b> ASM</b> | Anthropology 104(H)/265                                   |
| <b> AST</b> | Astronomy (101 & 102)                                     |
| <b> BIO</b> | Biology 145/(156/160 only one will apply)/182/201/205/241 |
| <b> GLG</b> | Geology (102(H) & 104)/105/(110(G) & 111)                 |
| <b> GPH</b> | Geography (213 & 215)                                     |
| <b> PSY</b> | Psychology 290AB/290AC                                    |

**AGEC-A & B - SQ**

|             |                       |
|-------------|-----------------------|
| <b> BIO</b> | Biology 107(G)        |
| <b> FOR</b> | Forensics Science 106 |

**AGEC-A, B and S - SQ**

|             |                         |
|-------------|-------------------------|
| <b> CHM</b> | Chemistry (150 & 151LL) |
|-------------|-------------------------|

**AGEC-A, B and S - SG**

|             |                                |
|-------------|--------------------------------|
| <b> BIO</b> | Biology 182/109                |
| <b> FON</b> | Food & Nutrition (241 & 241LL) |

**AGEC-S - SQ & SG - (SELECT PREFIX SEQUENCE)**

|             |   |
|-------------|---|
| <b> BIO</b> | Biology 181   |
| <b> CHM</b> | Chemistry (151 & 151LL)/(152 & 152LL)/(154 & 154LL) |
| <b> PHY</b> | Physics (115/116) or (121/131)                      |

**AWARENESS AREAS ONLY**

|                    |   |
|--------------------|---|
| <b> Cultural</b>   | AIS 110, 160; CFS 242; CPD 160; EDU 225/230/235; HCR 230; IGS 292; PSY 143; SOC 160   |
| <b> Global</b>     | ARB 201/202; CHI 201/202; FON 143; FRE 201/201AA/202/202AA/266-effective Sum 2 2007; GER 201/201AA/202/202AA; GPH 210; HCR 230; HEB 201/202; IBS 101; ITA 201/201AA/202/202AA; JPN 201/202; POR 102/201/202; POS 180; RUS 201/201AA/202/202AA; SPA 201/201AA/202/202AA/203/204/241/242; WST 290 |
| <b> Historical</b> | HCR 220   |

\*SEE GENERAL STUDIES COURSE MATRIX AT:

<http://www.maricopa.edu/academic/curric/>  
12/1/06-bh