## ASSOCIATE IN SCIENCE (A.S) AWC ADVISEMENT CHECK SHEET

To help you decide upon which courses to include in both the major and elective blocks, you and your advisor should consult university requirements for specific required and recommended courses.

Student Name       ID #       Advisor       Major Code: AS.CHEMI Credits: 64         This program is designed for those students pursuing a career in chemistry or in a related field for which chemistry is an integral part.       Image: Code: AS.CHEMI Credits: 64         For a recommended sequence of courses, view the program map in Self-Service or contact an Advisor.         Required Major Courses (17 Credits)       Cr       Gr       Sem       App*       Notes         CHM 151 prerequisite: MAT 150 or MAT 151 or approved higher level math         CHM 152 General Chemistry I       4       Image: Chemistry I       4       Image: Chemistry I       Chemistry I       4       Image: Chemistry I							
This program is designed for those students pursuing a career in chemistry or in a related field for which chemistry is an integral part.  For a recommended sequence of courses, view the program map in Self-Service or contact an Advisor.  Required Major Courses (17 Credits) Cr Gr Sem App* Notes  CHM 151 General Chemistry I 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4							
For a recommended sequence of courses, view the program map in Self-Service or contact an Advisor.         Required Major Courses (17 Credits)       Cr       Gr       Sem       App*       Notes         CHM 151 prerequisite: MAT 150 or MAT 151 or approved higher level math         CHM 151 prerequisite: MAT 150 or MAT 151 or approved higher level math         CHM 151 prerequisite: MAT 150 or MAT 151 or approved higher level math         CHM 151 prerequisite: MAT 150 or MAT 151 or approved higher level math         CHM 151 prerequisite: MAT 150 or MAT 151 or approved higher level math         CHM 151 prerequisite: MAT 150 or MAT 151 or approved higher level math         CHM 151 prerequisite: MAT 150 or MAT 151 or approved higher level math         CHM 151 prerequisite: MAT 150 or MAT 151 or approved higher level math         CHM 152 General Chemistry II         Quarter Chemistry II         CHM 24         Other Departmental Requirements (8 Credits)         Credits         Chemistry II         Quarter Chemistry II         Chemistry Credits         Credits         Chemistry Credits         Chemistry Credits							
Required Major Courses (17 Credits)CrGrSemApp*NotesCHM 151General Chemistry I44666CHM 151prerequisite: MAT 150 or MAT 151 or approved higher level math4666CHM 152General Chemistry II46666CHM 235Organic Chemistry II566666CHM 236Organic Chemistry II4666							
Required Major Courses (17 Credits)CrGrSemApp*NotesCHM 151General Chemistry I44666CHM 151prerequisite: MAT 150 or MAT 151 or approved higher level math4666CHM 152General Chemistry II46666CHM 235Organic Chemistry II566666CHM 236Organic Chemistry II4666							
CHM 151       General Chemistry I       4       4       0       0         CHM 151 prerequisite: MAT 150 or MAT 151 or approved higher level math       4       0       0         CHM 152       General Chemistry II       4       0       0         CHM 235       Organic Chemistry I       5       0       0         CHM 236       Organic Chemistry I       4       0       0         CHM 236       Organic Chemistry I       4       0       0         CHM 230       Organic Chemistry I       4       0       0         CHM 230       Organic Chemistry II       4       0       0         Other Departmental Requirements (8 Credits)       Cr       Gr       Sem       App*       Notes         MAT 230       Calculus II with Analytic Geometry       5       0       0       0       0         MAT 242       Introduction to Ordinary Differential Equations       3       0       <							
CHM 152       General Chemistry II       4       4       6       6         CHM 235       Organic Chemistry I       5       6       6       6         CHM 236       Organic Chemistry II       4       6       6       6         Other Departmental Requirements (8 Credits)       Cr       Gr       Sem       App*       Notes         MAT 230       Calculus II with Analytic Geometry       5       6       6       6         MAT 262       Introduction to Ordinary Differential Equations       3       6       6       6         General Education Requirements (37 Credits)       Cr       Gr       Sem       App*       Notes         See the AGEC-S course list in the current catalog for selection of courses.       English Composition (6 credits)       6       6       6       6         ENG 101       Freshman Composition OR       3       1 <t< td=""></t<>							
CHM 152       General Chemistry II       4       4       6       6         CHM 235       Organic Chemistry I       5       6       6       6         CHM 236       Organic Chemistry II       4       6       6       6         Other Departmental Requirements (8 Credits)       Cr       Gr       Sem       App*       Notes         MAT 230       Calculus II with Analytic Geometry       5       6       6       6         MAT 262       Introduction to Ordinary Differential Equations       3       6       6       6         General Education Requirements (37 Credits)       Cr       Gr       Sem       App*       Notes         See the AGEC-S course list in the current catalog for selection of courses.       English Composition (6 credits)       6       6       6       6         ENG 101       Freshman Composition OR       3       1 <t< td=""></t<>							
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MAT 262Introduction to Ordinary Differential Equations33000General Education Requirements (37 Credits)CrGrGrSemApp*NotesSee the AGEC-S course list in the current catalog for selection of courses							
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See the AGEC-S course list in the current catalog for selection of courses.   English Composition (6 credits)   ENG 101   Freshman Composition OR   ENG 107   First-Year Composition I (for Multilingual Writers)   ENG 102   Freshman Composition OR   Image: Select at least one course from the Arts list and at least one course from the Humanities list. (6 credits)							
English Composition (6 credits)         ENG 101       Freshman Composition OR       3       3       6         ENG 107       First-Year Composition I (for Multilingual Writers)       3       6       6         ENG 102       Freshman Composition OR       3       6       6       6         ENG 108       First-Year Composition II (for Multilingual Writers)       3       6       6       6         Mathematics       (5 credits)       6							
ENG 101       Freshman Composition OR       3       4       6         ENG 107       First-Year Composition I (for Multilingual Writers)       6       6       6         ENG 102       Freshman Composition OR       3       6       6       6         ENG 108       First-Year Composition II (for Multilingual Writers)       3       6       6       6         ENG 108       First-Year Composition II (for Multilingual Writers)       6       6       6       6         Mathematics (5 credits)       6							
ENG 107First-Year Composition I (for Multilingual Writers)IIIIENG 102Freshman Composition OR33IIIENG 108First-Year Composition II (for Multilingual Writers)3IIIIMathematics (5 credits)IIIIIIMAT 220Calculus I with Analytic Geometry or approved higher level math MAT 220 prerequisite: MAT 150 and MAT 183 or MAT 151 and MAT 183 or MAT 187IIIArts/Humatics - Select at least one course from the Arts list and at least one course from the Humanities list. (6 credits)							
ENG 102       Freshman Composition OR       3       3       0         ENG 108       First-Year Composition II (for Multilingual Writers)       0       0       0         Mathematics (5 credits)       0       0       0       0         MAT 220       Calculus I with Analytic Geometry or approved higher level math       5       0       0         MAT 220 prerequisite: MAT 150 and MAT 183 or MAT 151 and MAT 183 or MAT 187       0       0       0         Arts/Humanities - Select at least one course from the Arts list and at least one course from the Humanities list. (6 credits)       0       0							
ENG 108       First-Year Composition II (for Multilingual Writers)       Image: Composition II (for Multilingual Writers)         Mathematics (5 credits)       Image: Composition II (for Multilingual Writers)       Image: Composition II (for Multilingual Writers)         MAT 220       Calculus I with Analytic Geometry or approved higher level math       5       Image: Composition II (for Multilingual Writers)         MAT 220       Calculus I with Analytic Geometry or approved higher level math       5       Image: Composition II (for Multilingual Writers)         MAT 220       Calculus I with Analytic Geometry or approved higher level math       5       Image: Composition II (for Multilingual Writers)         MAT 220       Calculus I with Analytic Geometry or approved higher level math       5       Image: Composition II (for Multilingual Writers)         MAT 220       Calculus I with Analytic Geometry or approved higher level math       5       Image: Composition II (for Multilingual Writers)         MAT 220       Calculus I with Analytic Geometry or approved higher level math       5       Image: Composition II (for Multilingual Writers)         MAT 220       Calculus I with Analytic Geometry or approved higher level math       5       Image: Composition II (for Multilingual Writers)         MAT 220       Calculus I with Analytic Geometry or approved higher level math       5       Image: Composition II (for Multilingual Writers)         Arts/Humanities - Select at least one c							
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MAT 220       Calculus I with Analytic Geometry or approved higher level math       5       Image: Select at least one course from the Arts list and at least one course from the Humanities list. (6 credits)         Arts/Humanities - Select at least one course from the Arts list and at least one course from the Humanities list. (6 credits)							
MAT 220 prerequisite: MAT 150 and MAT 183 or MAT 151 and MAT 183 or MAT 187 Arts/Humanities - Select at least one course from the Arts list and at least one course from the Humanities list. (6 credits)							
MAT 220 prerequisite: MAT 150 and MAT 183 or MAT 151 and MAT 183 or MAT 187 Arts/Humanities - Select at least one course from the Arts list and at least one course from the Humanities list. (6 credits)							
Arts:							
Humanities:							
Social and Behavioral Sciences (6 credits)							
Physical and Biological Sciences (8 credits)							
PHY 121 University Physics I 4							
PHY 121 prerequisite/corequisite: MAT 220/MAT 230							
PHY 131 Univeristy Physics II 4							
PHY 121 prerequisite/corequisite: PHY 121 & MAT 230/MAT 241							
Additional Courses (6-8 credits)							
General Electives (2 credits)     Cr     Gr     Sem     App*     Notes							

\*Dual Application of Courses is the sharing of coursework between the AGEC and major or program requirements which allows the student to meet both requirements with a single course. Students must still meet the required number of credits to satisfy the program or degree. This dual application of courses gives students the opportunity to include additional course work under general electives.

List any courses used to satisfy program or degree credits due to dual application:		Cr	Gr	Sem	App*	Notes

One cultural (C) course and one global (G) or historical (H) course are required. Two writing intensive (WI) courses are required. ENG 101 or 107 is a prerequisite for all WI courses. Consult the current catalog for a list of approved courses.