

Associate in Science – Track 1 Planning Worksheet (2018-2019)

Degree Requirements

AS-T General Requirements	ENGL& 101, MATH& 151, and MATH& 152
Humanities and Social Science Distribution Requirements	15 credits of Humanities and Social Science with a minimum of five credits of Humanities and five credits of Social Science

Pre-Major requirements and remaining electives

Biology	Earth Science
<i>Pre Major</i>	<i>Pre Major</i>
CHEM& 161, 162, 163 (15 credits)	CHEM& 161, 162, 163 (15 credits)
MATH& 163 OR MATH& 146 (5 credits)	MATH& 163 OR MATH& 146 (5 credits)
BIOL& 211, 212, 213 (15 credits)	BIOL& 211, 212, 213 (15 credits)
CHEM& 261, 262, 263 OR PHYS& 114, 115, 116 OR PHYS& 221, 222, 223 (15 Credits)	PHYS& 221, 222, 223 (15 Credits)
<i>Remaining Credits (10 credits)</i>	<i>Remaining Credits (10 credits)</i>

Chemistry	Environment Science
<i>Pre Major</i>	<i>Pre Major</i>
CHEM& 161, 162, 163 (15 credits)	CHEM& 161, 162, 163 (15 credits)
MATH& 163 (5 credits)	MATH& 163 OR MATH& 146 (5 credits)
CHEM& 261, 262, 263 (15 Credits)	BIOL& 211, 212, 213 (15 credits)
PHYS& 221, 222, 223 (15 Credits)	PHYS& 114, 115, 116 OR PHYS& 221, 222, 223 (15 Cr.)
<i>Remaining Credits (10 credits)</i>	<i>Remaining Credits (10 credits)</i>

Tips for creating academic plans

- Focus first on math and chemistry.
- A number of students will need to complete developmental math before beginning chemistry.
- Create a plan that allows students to take CHEM& 161 as early as possible (offered fall & win.).
- Ask students if they took chemistry in high school because the prerequisite for CHEM& 161 is 1 yr. of high school chemistry or CHEM& 121 and MATH& 141 or concurrent enrollment in 141.
- Some students will benefit from taking CHEM& 121 even if they passed high school chemistry.
- *Remaining credits* can include prerequisites for major courses (e.g. CHEM& 121, MATH& 141 and 142), additional major coursework, or specific general education or other university requirements approved by an advisor.

Sample academic plans

AST1 - Biology (placement in Math 70, ENGL 095, and READ 090)		
Fall	Winter	Spring
MATH 070 ENGL 095 READ 090	MATH 097 ENGL& 101 Humanities	MATH 098 CHEM& 121 Soc. Sci.
Fall	Winter	Spring
CHEM& 161 MATH& 141 BIOL& 211	CHEM& 162 Hum. or S.S. BIOL& 212	CHEM& 163 MATH& 142 BIOL& 213
Fall	Winter	Spring
CHEM& 261 MATH& 151	CHEM& 262 MATH& 152	CHEM& 263 MATH& 163

AST1 – Chemistry (student has 1 yr. of high school chemistry, placement in MATH& 141)		
Fall	Winter	Spring
CHEM& 161 MATH& 141 Soc. Sci.	CHEM& 162 MATH& 142 ENGL& 101	CHEM& 163 MATH& 151 Humanities
Fall	Winter	Spring
CHEM& 261 MATH& 152 PHYS& 221	CHEM& 262 Hum. or S.S. PHYS& 222	CHEM& 263 MATH& 163 PHYS& 223

