

**PRE-OPTOMETRY (0039)**  
**Science/Mathematics Division**  
**RECOMMENDED COURSES FOR TRANSFER**  
**ASSOCIATE OF SCIENCE DEGREE PROGRAMS**

<b>Freshman Year</b>	<b>First Semester</b>	<b>Sem. Hrs.</b>
ENGL 1101	English Composition I	3
CHEM 1211K	Principles of Chemistry I	4
MATH 1111 or higher**	College Algebra or higher**	3
POLS 1101	American Government in World Perspective	3
AREA B Elective	See Core Curriculum, Area B.	2
AREA G Elective	See Core Curriculum, Area G, Health/Phy.Educ.	1-2
		<u>16-17</u>
	<b>Second Semester</b>	
ENGL 1102	English Composition II	3
CHEM 1212K	Principles of Chemistry II	4
MATH 1112	Trigonometry	3
AREA B Elective	See Core Curriculum, Area B.	2
HIST 1111 or	Survey of World History I or	
HIST 1112	Survey of World History II	3
AREA G Elective	See Core Curriculum, Area G, Health/Phy.Educ.	1-2
		<u>16-17</u>
	<b>Summer Semester</b>	
CHEM 2240K	Principles of Organic Chemistry I	4
CHEM 2241K	Principles of Organic Chemistry II	4
		<u>8</u>
<b>Sophomore Year</b>	<b>First Semester</b>	<b>Sem. Hrs.</b>
BIOL 1107K	Principles of Biology I	4
PHYS 1111K	Introductory Physics I	4
COMM 1110	Public Speaking*	3
HIST 2111 or	U.S. History Through 1877 or	
HIST 2112	U.S. History After 1877	3
AREA G Elective	See Core Curriculum, Area G, Health/Phy.Educ.	1-2
		<u>15-16</u>
	<b>Second Semester</b>	
BIOL 1108K	Principles of Biology II	4
PHYS 1112K	Introductory Physics II	4
AREA C Literature	See Core Curriculum, Area C, Hum/Fine Arts.	3
AREA E Elective	See Core Curriculum, Area E, Social Sciences.	3
		<u>14</u>
<b>Two-Year Total</b>		<b>64-66</b>

\*Critical Thinking Overlay-All Students must satisfy the critical thinking overlay. This requirement must be fulfilled by satisfactory completion of one of the following courses. This competency is usually satisfied in Area B or C.

- COMM 1000 Cultural Diversity in Communication
- COMM 1100 Human Communications
- COMM 1110 Public Speaking

\*\*MATH 1112, MATH 1113 or MATH 1151 may be used. MATH 2205 may **NOT** be used.

**Depending on your enrollment status, you may be required to take DART 1000, "First Year Experience." Please refer to Section 7 Academic Support Services Paragraph J**