

# PRE-OPTOMETRY

## Associate in Science Checklist

- Complete a minimum of 60 total degree credits.
- Fulfill the College Degree Requirements in conjunction with this degree plan.
- View the General Education Matrix for a complete list of qualifying courses.
- Consult with an Academic Advisor and the intended institution being transferred to.
- **Note:** Courses listed on the degree plan are suggested and may vary dependent on the situation.

## Degree Plan

### General Education

#### Written Communications

ENGL 110	College Composition I	3
Select one of the following:		3
ENGL 120	College Composition II	
ENGL 125	Introduction to Professional Writing	
<b>Credits Subtotal</b>		<b>6</b>

#### Oral Communications

COMM 110	Fundamentals of Public Speaking	3
<b>Credits Subtotal</b>		<b>3</b>

#### Arts & Humanities

Select two of the following recommended courses:		6
ART 110	Introduction to the Visual Arts	
HIST 103	United States to 1877	
HIST 104	United States Since 1877	
MUSC 100	Music Appreciation	
PHIL 210	Ethics	
<b>Credits Subtotal</b>		<b>6</b>

#### Social & Behavioral Sciences

PSYC 111	Introduction to Psychology	3
Select one of the following recommended courses:		3
CJ 201	Introduction to Criminal Justice	
ECON 201	Principles of Microeconomics	
ECON 202	Principles of Macroeconomics	
POLS 115	American Government	
SOC 110	Introduction to Sociology	
<b>Credits Subtotal</b>		<b>6</b>

#### Math, Science & Technology

MATH 103	College Algebra	3-4
BIOL 150	General Biology I	3
BIOL 150L	General Biology I Lab	1
BIOL 220	Anatomy and Physiology I	3
BIOL 220L	Anatomy and Physiology I Lab	1
Select from the following recommended courses:		3-4
(Needed if 15 credits for Math, Science & Technology have not been met.)		
CSCI 101	Introduction to Computers	

CIS 147	Principles of Information Security	
<b>Credits Subtotal</b>		<b>15</b>

<b>General Education Total Credits</b>		<b>36</b>
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## Enrichment

Select 2 enrichment credits from the Enrichment Course Matrix. A course listed as general education and enrichment may satisfy both requirements upon successful completion.

Enrichment Course Matrix		2
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## Diversity

Select 3 diversity credits from the General Education & Diversity Matrix. A course listed as general education and diversity may satisfy both requirements upon successful completion.

General Education & Diversity Matrix		3
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## Digital Literacy

Select one of the following:

ENGL 110	College Composition I	
	NDUS Institution Approved Training Course	
	NDUS Institution Designated Digital Literacy Course	

## Electives

### Transfer Electives

Select from the following recommended courses dependent on your transfer situation and total degree credits needed.

BIOL 151	General Biology II	3
BIOL 151L	General Biology II Lab	1
BIOL 221	Anatomy and Physiology II	3
BIOL 221L	Anatomy and Physiology II Lab	1
CHEM 121	General Chemistry I	4
CHEM 121L	General Chemistry I Lab	1
CHEM 122	General Chemistry II	4
CHEM 122L	General Chemistry II Lab	1
CHEM 241	Organic Chemistry I	4
CHEM 241L	Organic Chemistry I Lab	1
CHEM 242	Organic Chemistry II <sup>1</sup>	4
CHEM 242L	Organic Chemistry II Lab <sup>1</sup>	1
MATH 146	Applied Calculus I	3
MATH 210	Elementary Statistics	3
MICR 202	Introductory Microbiology	3
MICR 202L	Introductory Microbiology Lab	1
PHYS 211	College Physics I	3
PHYS 211L	College Physics I Lab	1
PHYS 212	College Physics II	3
PHYS 212L	College Physics II Lab	1

## Footnotes

1

Some colleges will accept Biochemistry and lab for the second semester of Organic Chemistry. CHEM 242L (Organic Chemistry II Lab) is not required by some colleges.