

## Planning Your Academic Program: Combined Degree Program - Biology B.S./Optometry

1<sup>st</sup> course(s) recommended for undeclared students interested in major: BIO103 or CHM101

		Fall Semester	Spring Semester
<b>1<sup>st</sup> Year</b>	1	DWC 101	DWC 102
	2	<b><i>BIO 103 General Biology I</i></b>	<b><i>BIO 104 General Biology II</i></b>
	3	<b><i>CHM 101 General Chemistry I</i></b>	<b><i>CHM 102 General Chemistry II</i></b>
	4	<b><i>MTH 109 Calculus I</i></b>	<b><i>MTH 110 Calculus II</i></b>
<b>2<sup>nd</sup> Year</b>	1	DWC 201	DWC 202
	2	<i>BIO Elective w/lab</i>	<i>BIO 200 Intro Cell Bio &amp; Mol. Genetics</i>
	3	<b><i>CHM 201 Organic Chemistry I</i></b>	<i>CHM 202 Organic Chemistry II</i>
	4	English 101 (or Elective - Statistics recommended)	<b><i>EPS 101 General Physics I</i></b>
<b>3<sup>rd</sup> Year</b>	1	<i>BIO Elective w/lab (Microbiology)</i>	<i>BIO Elective w/lab</i>
	2	<b><i>EPS 102 General Physics II</i></b>	Philosophy/Ethics
	3	Social Science ( <b>Psychology</b> )	Theology
	4	Theology	Fine Arts
	5	Philosophy/Ethics	Social Science
<b>4<sup>th</sup> Year</b>	1	<i>BIO Elective (fulfilled by 1<sup>st</sup> year courses at NEWENCO)*</i>	
1 <sup>st</sup> Year At	2	<i>BIO Elective (fulfilled by 1<sup>st</sup> year course at NEWENCO)*</i>	
NEWENCO	3		
(10 courses,	4		
& sufficient	5		
credits)			

B.S. Degree Requirements - in *Italics*

NEWENCO Admissions Requirements - in **Bold**.

Providence College General Degree Requirements\* - in normal font. These will be completed (except the 3 elective courses outside selected major) during the first

three years at Providence College. DWC is equivalent to 5 cr. English. In addition, the College requires that students earn English Proficiency either by testing or completion of an approved writing course (e.g. ENG 101, 201, 225). The Providence College core will thus satisfy the NEWENCO admission requirement in English.

The first year courses at the New England College of Optometry will be accepted as transfer credits to complete the remaining requirements for the Providence College degree. These must include 10 courses and sufficient credits to meet the 36 course, 116 credit minimum. Two of the first year professional courses

will fulfill the remaining B.S. degree requirements in Biology\* (e.g. Systems Physiology, Microbiology, Immunology, Genetics, Neuroanatomy, Cellular Physiology/Biochemistry/Molecular Pathology I, II).

