

# Liberal Arts and Science

# LAS.AS

CODE	COURSE	CREDITS	CODE	COURSE	CREDITS
<b>First Year/First Semester</b>			<b>Second Year/First Semester</b>		
Choose two of the following Laboratory Sciences:			MTH....	Mathematics General Education Elective or	
BIO-111	Biology I - Science or		.....	Lab Science General Education Elective	3/4
CHM-111	Chemistry I - Science or		MTH....	Mathematics General Education Elective or	
PHY-101	Physics I or		.....	Lab Science General Education Elective	3/4
PHY-201	Physics III	8	.....	Social Science General Education Elective <sup>1</sup>	3
MTH-125	Accelerated Precalculus or		.....	Diversity - Humanities General Education Elective <sup>1</sup>	3
MTH-140	Calculus I	4	HIS....	History General Education Elective <sup>1</sup>	3
ENG-101	English Composition I	3			15/17
		<b>15</b>	<b>Second Semester</b>		
<b>Second Semester</b>			MTH....	Mathematics General Education Elective or	
Choose two of the following Laboratory Sciences:			.....	Lab Science General Education Elective or	
BIO-112	Biology II - Science or		.....	Free Elective <sup>1</sup>	3/4
CHM-112	Chemistry II - Science or		MTH....	Mathematics General Education Elective or	
PHY-102	Physics II or		.....	Lab Science General Education Elective or	
PHY-202	Physics IV	8	.....	Free Elective <sup>1</sup>	3/4
MTH-140	Calculus I or		.....	Social Science General Education Elective	3
MTH-150	Calculus II	4	.....	General Education Elective <sup>1</sup>	3
ENG-102	English Composition II	3	.....	Humanities General Education Elective <sup>1</sup>	3
		<b>15</b>	<b>Total Minimum Credits</b>		
			<b>60</b>		

<sup>1</sup> Select electives based on requirements of Transfer Institution

**PROGRAM DESCRIPTION**

This transfer program is for students with a high interest in and an aptitude for science and mathematics. The program prepares students for transfer into four-year colleges or universities primarily as preparation for a pre-professional course of study in such areas as medicine, dentistry, veterinary medicine and physical therapy.

**PROGRAM GOALS**

- To provide students with a foundation in general education.
- To ensure transferability of course work to a baccalaureate program.

**PROGRAM STUDENT LEARNING OUTCOMES**

- At the end of the program, the graduate will be able to:
1. Utilize tools of written and oral expression.
  2. Execute basic laboratory techniques.
  3. Apply mathematical skills to data interpretation and problem solving.
  4. Explain scientific principles and apply scientific reasoning.

**POST-BACCALAUREATE EMPLOYMENT OPPORTUNITIES**

- Education
- Natural sciences
- Engineering
- Decision science and operations research
- Transfer opportunities in pure and applied mathematics, statistics, biology and chemistry
- Transfer health career programs such as pre-medical, pre-dental and physical therapy

**TRANSFER OPPORTUNITIES:**

Students in this program transfer to many institutions including:  
 Rowan University  
 Rutgers University  
 Rider University  
 The College of New Jersey  
 Stockton University  
 Fairleigh Dickinson University  
 Drexel University  
 Temple University  
 University of the Sciences  
 Thomas Jefferson University

**CONTACT PERSON**

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**Recommendations**

*Students should select courses according to the requirements of the transferring institution.*