LIBERAL ARTS AND SCIENCES: SCIENCES - A.A.

Primary Faculty, Rockland  Dr. Jacqueline Washington (Director)

Mission
The mission of the Liberal Arts and Sciences: Science Program (LASS) is to offer excellent academic and spiritual preparation for students interested in professional careers in the health services such as nursing. The goal is to equip students for lifelong service and learning, to be positive role models and leaders, and in so doing, impact the health field for the Lord Jesus Christ.

Student Learning Goals
1. Demonstrate an understanding of the biological and chemical sciences to successfully apply for further studies in the health sciences.
2. Be able to effectively communicate orally and in writing. Students will be able to write a research paper using the APA format.
3. Apply critical thinking and problem solving skills to recognize the interrelationships among problems and issues.
4. Develop skill in using materials, instruments and equipment in the laboratory.

Program Assessment

<table>
<thead>
<tr>
<th>Assessment</th>
<th>Context</th>
<th>Location in Program</th>
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<tbody>
<tr>
<td>Collegiate Learning Assessment (CLA)</td>
<td>online</td>
<td>yearly</td>
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<tr>
<td>Test of Essential Academic Skills (TEAS)</td>
<td>Spring</td>
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The Liberal Arts and Sciences: Sciences (LASS) program is a two-year program leading to an Associate in Arts degree which is designed to prepare students for transfer to institutions offering further education in a variety of health care services. Most students in this program intend to pursue a major in nursing. This program is only available at the Rockland Campus.

The program is a blend of three components: 1) the core of introductory liberal arts courses required by most institutions, 2) foundational Bible courses, and 3) twenty-five credits in the sciences. Thus, students gain their prerequisite knowledge for more advanced studies in the health care field while being grounded biblically. In addition students have opportunity to take introductory courses in health careers and nursing so that they may explore their interests. Local hospitals welcome volunteer work by the students.

60 credit hours, distributed as follows, are required for the Associate in Arts degree:

Core Component (29 credits)
- PMN 101-Intro to Spiritual Formation..........................2
- BIB 102 - Old Testament Literature............................3
- BIB 201 - New Testament Literature..............................3
- LIB 101- Information Literacy................................1
- ENG 101,102 - College Writing I and II.............................6
- PMN 201 - Nyack Heritage........................................1
- BIO 213-Anatomy and Physiology I..................................4
- HIS 113 or 114 World Civilization I or II.........................3
- MAT 110 or MAT 231 College Algebra or Pre-Calculus...........3
- Art History Elective...............................................3

Major Field Component (21 credits)
- PSY 101 - General Psychology......................................3
- BIO 214 - Anatomy and Physiology II.............................4
- CHE 103 – Essentials of Chemistry.................................4
<table>
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<tr>
<th>Course</th>
<th>Credits</th>
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<tr>
<td>MAT 236 - Calculus</td>
<td>3</td>
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<tr>
<td>BIO 115 - Principles of Nutrition</td>
<td>3</td>
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<tr>
<td>BIO 220 - Microbiology</td>
<td>4</td>
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**Miscellaneous Elective Component (10 credits)**

Miscellaneous electives ........................................................................... 10

Recommended: ENG 201 or 202, PHI 101, HIS 113 or 114

**Total credits required** ........................................................................ 60

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**Liberal Arts and Sciences: Sciences Suggested Program Plan**

**FIRST YEAR: Fall**
- PMN 101-Intro to Spirit Form ....2
- ENG 101-College Writing I ....3
- PMN 201-Nyack Heritage .......1
- BIO 213-Anatomy & Physiol. I ..4
- HIS 113 or 114 World Civ. I or II3
- LIB 101-Info Literacy ..........1

**SECOND YEAR: Fall**
- BIB 201-New Testament Lit ....3
- MAT110/ 231 Coll Alg/Pre-Calc ....3
- CHE 103-Essen of Chemistry ....4
- Electives .........................6

**FIRST YEAR: Spring**
- BIB 102-Old Testament Lit ....3
- ENG 102-College Writing II ....3
- BIO 115-Princ. of Nutrition ....3
- BIO 214-Anatomy & Physiol. II ..4
- Elective* ..........................3

**SECOND YEAR: Spring**
- PSY 101-General Psychology ....3
- MAT 236-Calculus .................3
- Art History Elective ..........3
- BIO 220-Microbiology ..........4
- Electives .........................1