

## *Associate of Science Degree: Health Professions Specialization*

**AREA:** Science  
Health Professions Specialization

**DEGREE:** Associate of Science Degree

**LENGTH:** Four semesters (two-year) program

**PURPOSE:** With the tremendous emphasis on scientific discoveries and technological developments in today's society, great demand exists for scientists and scientifically-oriented persons in business, government, industry, and the medical and health professions. The associate of science degree program in science: health professions specialization program is designed for persons interested in health professions programs who plan to transfer to a health profession such as: dental hygiene, occupational therapy, nursing, physical therapy, respiratory therapy, radiation technology, or other allied health programs.

**TRANSFER GUIDELINES:** The associate of arts and sciences (AA&S) and associate of science (AS) degrees offered by LFCC are designed to provide freshman and sophomore level course work toward the completion of a bachelor's degree. The AA&S and AS degree programs require students to take essentially the same courses as required by their university/four-year college counterparts in the areas of English, health/physical education, humanities, mathematics, science and social science.

To help facilitate the transfer process, LFCC has created an online 'Transfer Guide' that provides detailed information such as tuition, GPA, application requirements, course equivalents, and other information that may be useful in the transfer process. The transfer guide can be found at [www.lfcc.edu/transfer](http://www.lfcc.edu/transfer). The Virginia Community College System also offers a Transfer Planning Tool on the Virginia Educational Wizard, which can be found at [www.vawizard.org](http://www.vawizard.org).

Students should begin preparing for transfer as early as possible. Steps in this process include: making a career decision, identifying colleges which offer the intended program of study, examining available transfer information and college catalogs, exploring Guaranteed Admissions and Transfer agreements, talking with transfer representatives, identifying program prerequisites, researching the academic competitiveness of the institutions and program under consideration, attending open house events offered by the colleges and exploring financial aid and housing opportunities.

LFCC offers many services and programs to assist the transfer student. Students are encouraged to seek the assistance of an advisor or counselor to gain additional information to plan a successful transfer experience.

| Course #               | Title  | Credits   |
|------------------------|--|-----------|
| <b>First Semester</b>  |  |           |
| ENG 111                | College Composition I  | 3         |
| IT/CS                  | Computer Elective <sup>1</sup>   | 3         |
| MTH                    | Mathematics Elective <sup>2 4</sup>                                      | 3         |
| SDV 100/101            | Orientation to Health Professions Science with Laboratory <sup>3</sup>   | 1<br>4    |
| <b>Total</b>           |  | <b>14</b> |
| <b>Second Semester</b> |  |           |
| ENG 112                | College Composition II History Elective <sup>4</sup>                     | 3<br>3    |
| MTH                    | Mathematics Elective <sup>2 4</sup> Science with Laboratory <sup>3</sup> | 3<br>4    |
|                        | Approved STEM Elective <sup>5</sup>                                      | 3         |
| <b>Total</b>           |  | <b>16</b> |
| <b>Third Semester</b>  |  |           |
| ENG                    | Literature Elective <sup>4</sup>   | 3         |
| PSY 230                | Developmental Psychology   | 3         |
| HLT 130                | Nutrition and Diet Therapy <sup>6</sup>                                  | 2         |
| BIO 150                | General Microbiology Science with Laboratory <sup>3</sup>                | 4<br>4    |
| <b>Total</b>           |  | <b>16</b> |
| <b>Fourth Semester</b> |  |           |
| CST                    | Communication Elective <sup>4</sup>                                      | 3         |
| SOC 200                | Principles of Sociology Science with Laboratory <sup>3</sup>             | 3<br>4    |
| PHI 227 or 220         | Biomedical Ethics or Ethics Approved Transfer Elective <sup>4</sup>      | 3<br>3    |
| <b>Total</b>           |  | <b>16</b> |
| <b>Program Total</b>   |  | <b>62</b> |

<sup>1</sup> Students may elect from the following courses to fulfill the computer / information literacy requirement: CSC 200, ITE 115, ITE 119.

<sup>2</sup> Student should check with the institution to which they will be transferring to determine the most appropriate math courses to take at LFCC. Must be MTH 158 or higher. MTH 240 – Statistics should be taken prior to transferring.

<sup>3</sup> A full-year sequence of science with lab is required each year, one of which must be chemistry or physics. See the list of electives on page 41. Students should select BIO 141-142 for the other sequence.

<sup>4</sup> See the list of electives on page 41.

<sup>5</sup> May be BIO, CHM, CSC, EGR, GOL, HIM, MTH, NAS or PHY

<sup>6</sup> Students should check with the institution to which they will be transferring to determine the most appropriate nutrition course to take at LFCC. HLT-230-Principles of Nutrition and Human Development (3 credits) may be needed for transfer.