

 <b>CARROLL</b> COMMUNITY COLLEGE	<b>COMPREHENSIVE ACADEMIC AFFAIRS PROGRAM REVIEW</b>  <b>EXECUTIVE SUMMARY</b>  <b>2015-2020</b>
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<b>Complete Program Title</b> Arts and Sciences - Health Science Concentration	
<b>Program Coordinator</b> Sharon Brunner	
<b>Division</b> Social Sciences	<b>Division Chair</b> Sharon Brunner
<b>Type of Program</b>	
<b>Transfer Degree:</b> <input checked="" type="checkbox"/> Associate of Arts (A.A.) <input type="checkbox"/> Associate of Arts in Teaching (A.A.T.) <input type="checkbox"/> Associate of Fine Arts (A.F.A.) <input type="checkbox"/> Associate of Science (A.S.) <input type="checkbox"/> Associate of Science in Engineering (A.S.E.)	<b>Terminal Degree:</b> <input type="checkbox"/> Associate of Applied Science (A.A.S.) <b>Certificate:</b> <input type="checkbox"/> Directed Technology Certificate <input type="checkbox"/> New Certificate Program within an Existing Degree Area <input type="checkbox"/> New Stand Alone Certificate

### 1. Synopses of the significant findings

- The Health Science program enrolled an average of 16 students per year and generated an average of 6.47 FTE each year.
- There were three times as many part-time than full-time students. The program attracted more traditional college-age students from the 18-24-year age group than the 25-29 and over 30 age groups.
- Compared to the institution overall, the Health Science program had four times as many females than males, more white students than students of color, and more in-county students than out-of-county or out-of-state students.
- Enrollment in HLTH-101 and HLTH-201 declined by 69% and 23.5%, respectively, from 2015 to 2020 due to removing the required Emerging Issues General Education category.
- HLTH-120, HLTH-210, and HLTH-225 (program electives) had significant enrollment increases from 2015 to 2020 – 60%, 257%, 150%, respectively. These courses continue to be offered online.
- Approximately 80% of Health Science students performed well in HLTH, ENGL, BIOL, CHEM, PSYC, and SOC courses by earning at least a C. However, only 70% of the students achieved at least a C in MATH-115.
- Since the Health Science Concentration establishment, Health Science students' retention from fall to spring in 2018-2020 was 33% but improved to 40% from fall 2019 to spring 2020.
- From 2015 – 2020, 18 students graduated from the Health Science program – 78% were female, 83% were Caucasian, 50% were 21-25 years old, 22% were 25-29 years old, 28% were over 30 years, and 83% were in-county students.

### 2. Strengths of the program

- There is growing enrollment and interest in the HLTH elective courses. The significant increases have somewhat offset the declines in HLTH-101 and HLTH-201 General Education course enrollment.
- The program attracts traditional college-age student graduates and provides dual-enrollment opportunities for current high school students.

- The program prepares students to transfer into many health-related majors and for industry certification after associate degree completion.
- The HES Advisory Board comprises members from healthcare and public health and provides Health Science students with internship opportunities when available.

**3. Weaknesses of the program**

- The Health Science program draws more part-time than full-time students resulting in 4.26-years to complete an associate degree.
- The number of sections and enrollment in HLTH-101 and HLTH-201 dropped since these courses shifted from the required Emerging Issues to the General Education Elective category. These courses helped to recruit students into the Health Science program. These courses are offered each semester but see fewer new, exploring students in these courses than in past semesters.

**4. Plans for Improvement including a timeline**

- By spring 2024, the number of students who declare the Health Science Concentration will improve by 25% due to increased marketing and promotion.
- In fall 2021, a new course called HLTH-150, Introduction to Public Health, will be offered to provide students with an opportunity to learn more about the public health field and its many career paths under the Health Science umbrella.
- Through increased online and 7-week course offerings in fall 2021 and beyond, increase the number of students who complete the Health Science Concentration and graduate with an associate degree in two years by at least 20%.
- Academic support for students in online HLTH sections will increase by 20% to promote successful completion of these courses.

**5. Identification of weaknesses or deficiencies from the previous review and the status of improvements implemented or accomplished**

- Since the 2010-2015 program review, academic performance in HLTH -101 improved from 73% to 76.5% of students earning at least a C.
- Academic performance in the other HLTH courses shows 80% of students earning a C or higher.
- Since the last five-year program review, the total number of Health Science (combined HLTH and HES) graduates increased from 10 to 18.

**6. Budget/position requests**

- No additional positions are needed. Increased release time (from 3 TLH to 5-6 TLH) for Sharon Brunner, Program Director, is requested to improve the program.

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**Signatures**

<u>Sharon Brunner</u>	<u>12/31/2020</u>
Program Coordinator	Date
<u>Sharon Brunner</u>	<u>12/31/2020</u>
Division Chair	Date
<u>Melody L. Moore</u>	<u>5/17/21</u>
Associate Vice President for Program Development and Partnerships	Date