

# Degree & Certificate Requirements

## Health Science Associate in Science (AS)

Transfer Degree

2024-2025 Degree Requirements

### Major Courses

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
HSCI 101	Introduction to Healthcare [RE]	5		
HSCI 147	Medical Terminology [RE]	5		
<b>Subtotal</b>		<b>10</b>		

### General Education

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
<b>English - 5 credits:</b>				
ENGL& 101	English Composition I [C]	5		
<b>Communication - select 5 credits from the following:</b>				
CMST& 101	Introduction to Communication Studies [C]	5		
CMST& 210	Interpersonal Communication [C]	5		
CMST& 220	Public Speaking [C]	5		
CMST 260	Multicultural Communication [C]	5		
<b>Mathematics - 5 credits:</b>				
MATH& 146	Introduction to Stats [M/S] [Q/SR]	5		
<b>Social &amp; Behavioral Sciences - select 10 credits from the following:</b>				
PSYC& 100	General Psychology [S/B]	5		
PSYC& 200	Lifespan Psychology [S/B]	5		
PSYC 201	Social Psychology [S/B]	5		
SOC& 101	Intro to Sociology [S/B]	5		
<b>Natural Sciences - select 10 credits from the following:</b>				
BIOL& 160	General Biology W/ Lab [M/S]	5		
BIOL& 241	Human A&P 1 W/ Lab [M/S]	5-6		
BIOL& 242	Human A&P 2 W/ Lab [M/S]	5-6		
BIOL& 260	Microbiology W/ Lab [M/S]	5-6		
CHEM& 121	Intro to Chemistry W/ Lab [M/S]	5		
CHEM& 122	Intro to Organic Chemistry W/ Lab [M/S]	5		
CHEM& 123	Intro to Biochemistry W/ Lab [M/S]	5		
NUTR& 101	Nutrition [M/S]	5		
<b>Subtotal</b>		<b>35-37</b>		

Available concentrations: General, Expanded Functions Dental Auxiliary (EFDA), or Substance Use Disorder Professional (SUDP).

Choose one concentration from below:

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## General

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
EMT 101	Emergency Medical Technician-Basic [RE]	10-12		
HSCI 148	Spanish Medical Interpreting I [RE]	5		
<b>HSCI 148 is cross-listed with SPAN 281. A student may not use equivalent cross-listed courses for the same graduation requirement.</b>				
HSCI 149	Spanish Medical Interpreting II [RE]	5		
<b>HSCI 149 is cross-listed with SPAN 282. A student may not use equivalent cross-listed courses for the same graduation requirement.</b>				
HSCI 150	Spanish Medical Interpreting III [RE]	5		
<b>HSCI 150 is cross-listed with SPAN 283. A student may not use equivalent cross-listed courses for the same graduation requirement.</b>				
HSCI 102	Medical Office Specialist I [RE]	5		
HSCI 103	Medical Office Specialist II [RE]	4		
HSCI 122	Medical Office Specialist Clinical [RE]	5		
NA 100	Nursing Assistant [RE]	4		
NA 102	Nursing Assistant Lab [RE]	4		
PHLEB 100	Phlebotomy I [RE]	4		
PHLEB 101	Phlebotomy I Lab [RE]	5		
SPT 100	Foundations of Sterile Processing [RE]	6		
SPT 150	Sterile Processing Clinical [RE]	12		
<b>Note: the above courses are recommended.</b>				
CS 101	Intro to Computers & Information Technology	5		
EMT 103	Advanced Emergency Medical Technician (Aemt) I [RE]	9		
EMT 104	Advanced Emergency Medical Technician (Aemt) II [RE]	9		
MATH 106+	MATH 106 or above (except MATH 109)	5		
PHYS& 110	Physics for Non-Science Majors W/ Lab [M/S]	5		
<b>Biology - a maximum of 15 credits may be selected:</b>				
BIOL& 160	General Biology W/ Lab [M/S]	5		
BIOL& 241	Human A&P 1 W/ Lab [M/S]	5-6		
BIOL& 242	Human A&P 2 W/ Lab [M/S]	5-6		
BIOL& 260	Microbiology W/ Lab [M/S]	5-6		
<b>Business Administration - a maximum of 5 credits may be selected:</b>				
BUS 262	Management Principles [RE]	5		
BUS 271	Human Relations in Business [RE]	5		
<b>Chemistry - a maximum of 5 credits may be selected:</b>				
CHEM& 110	Chemical Concepts W/ Lab [M/S]	5		
CHEM& 121	Intro to Chemistry W/ Lab [M/S]	5		
CHEM& 122	Intro to Organic Chemistry W/ Lab [M/S]	5		
CHEM& 123	Intro to Biochemistry W/ Lab [M/S]	5		
CHEM& 131	Intro to Organic/Biochemistry W/ Lab [M/S]	5		
CHEM& 140	General Chemistry Prep W/ Lab [M/S]	5		
CHEM& 161	General Chemistry I W/ Lab [M/S]	6		
CHEM& 162	General Chemistry II W/ Lab [M/S]	6		
CHEM& 163	General Chemistry III W/ Lab [M/S]	6		
<b>Communication - a maximum of 5 credits may be selected:</b>				
CMST& 101	Introduction to Communication Studies [C]	5		
CMST& 210	Interpersonal Communication [C]	5		

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Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
CMST& 220	Public Speaking [C]	5		
CMST 260	Multicultural Communication [C]	5		
<b>English - select 5 credits from the following:</b>				
ENGL& 102	Composition II [C]	5		
ENGL& 235	Technical Writing [C]	5		
<b>Health Education - a maximum of 5 credits may be selected:</b>				
HE 110	Concepts of Fitness [PE]	2		
HE 170	Health and Wellness [PE]	3		
HE 215	Health and Fitness for Life [PE]	3		
HE 220	Drugs and Health [PE]	3		
HE 240	Stress Management [PE]	3		
<b>Physical Education - a maximum of 2 credits may be selected:</b>				
PE 120	Weight Training I [PE]	1		
PE 121	Weight Training II [PE]	1		
<b>Spanish - a maximum of 5 credits may be selected:</b>				
SPAN& 121	Spanish I [H]	5		
SPAN& 122	Spanish II [H]	5		
SPAN& 123	Spanish III [H]	5		
<b>Subtotal</b>		<b>45</b>		

## Expanded Functions Dental Auxiliary

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
EFDA 100	Intro to Expanded Functions Dental Auxiliary [RE]	2		
EFDA 101	Restorative Dentistry [RE]	3		
EFDA 102	Amalgam Restorations [RE]	2		
EFDA 112	Amalgam Restorations Lab [RE]	3		
EFDA 123	EFDA Clinical Practice I [RE]	3		
EFDA 104	Composite Restorations [RE]	2		
EFDA 114	Composite Restorations Lab [RE]	3		
EFDA 105	Dental Impressions [RE]	2		
EFDA 115	Dental Impressions Lab [RE]	2		
EFDA 126	EFDA Clinical Practice II [RE]	4		
BIOL& 241	Human A&P 1 W/ Lab [M/S]	5-6		
BIOL& 242	Human A&P 2 W/ Lab [M/S]	5-6		
BIOL& 260	Microbiology W/ Lab [M/S]	5-6		
<b>Chemistry - select 5 credits from the following:</b>				
CHEM& 121	Intro to Chemistry W/ Lab [M/S]	5		
CHEM& 122	Intro to Organic Chemistry W/ Lab [M/S]	5		
CHEM& 123	Intro to Biochemistry W/ Lab [M/S]	5		
<b>Subtotal</b>		<b>46-49</b>		

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## Substance Use Disorder Professional

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
HSCI 201	Foundations of Addiction & Substance Use Disorders [RE]	5		
HSCI 202	Treatment Methods and Counseling Techniques [RE]	5		
HSCI 203	Cultural Competence in Substance Use Disorder Counseling [RE]	5		
HSCI 204	Clinical Skills for Substance Use Disorders [RE]	5		
HSCI 205	Professional Ethics and Law in Substance Use Disorder Counseling [RE]	5		
HSCI 206	Psychopathology and Relapse Prevention [RE]	5		
HSCI 207	Case Management and Community Education [RE]	5		
PSYC& 200	Lifespan Psychology [S/B]	5		
PSYC& 220	Abnormal Psychology [S/B]	5		

**Subtotal**                    **45**  
**Total Credits Required**    **90-96**

### Graduation Requirements:

The Health Science Associate in Science Degree (AS) does NOT guarantee that the student has met the general education requirements at the transfer baccalaureate institution.

- Required minimum 90 credits.
- Required minimum cumulative college-level GPA of 2.0.
- Minimum grade per course 1.0.
- At least one-third of the college-level, degree applicable credits must be taken at CBC.
- Depending on your major, some course choices may be more appropriate than others. Consult with your counselor, completion coach or faculty advisor.
- A student may not use equivalent cross-listed courses for the same graduation requirement. Refer to the Cross-Listed Courses section of the catalog for more information, and consult with your counselor, completion coach, or faculty advisor.

### Note:

Students should work with a counselor, completion coach or academic advisor and the catalog of the four-year institution to which they plan to transfer for further guidance specific to their goals. Early in the program, students should check with their intended transfer university/college advisor for specific admissions and health sciences program requirements for course choices where options are listed for Humanities, Mathematical & Natural Science, Social & Behavioral Science and electives. A cumulative college-level GPA of 2.0 is required. Some transfer institutions require a higher overall GPA, a higher GPA in a subset of courses, or a specific minimum grade in one or more courses. Check with your planned transfer institution for these requirements.