

ASSOCIATE OF SCIENCE IN LIBERAL ARTS IN HEALTH SCIENCE PATHWAYS

In Workflow

1. STSV Chair (adrienned@cos.edu)
2. STSV Dean (michelebr@cos.edu; jennys@cos.edu)
3. Curriculum Coordinator (sarahha@cos.edu)
4. Articulation Officer (gregk@cos.edu)
5. Academic Resources Specialist (danielal@cos.edu)
6. STSV Representative (leahv@cos.edu)
7. Financial Aid Rep (amandac@cos.edu)
8. Distance Education Coordinator (bricen@cos.edu)
9. LIBR Representative (milenas@cos.edu)
10. Curriculum Coordinator (sarahha@cos.edu)
11. Adrienne Duarte (adrienned@cos.edu)
12. Vice President of Academic Affairs (jenniferl@cos.edu)
13. Academic Resources Specialist (danielal@cos.edu)
14. Curriculum Committee Vote (amyp@cos.edu; andyh@cos.edu; charlesa@cos.edu; erich@cos.edu; gregk@cos.edu; jamesmc@cos.edu; davidhey@cos.edu; annem@cos.edu; milenas@cos.edu; tiffanyw@cos.edu; monica@cos.edu; christopherhu@cos.edu; leahv@cos.edu; aimeea@cos.edu; allysonb@cos.edu)
15. Curriculum Coordinator (sarahha@cos.edu)
16. Academic Senate President (juana@cos.edu)
17. Board of Trustees (danielal@cos.edu)
18. Academic Resources Specialist (danielal@cos.edu)

Approval Path

1. Fri, 17 Sep 2021 19:37:11 GMT
Adrienne Duarte (adrienned): Approved for STSV Chair
2. Tue, 21 Sep 2021 21:50:19 GMT
Jenny Saechao (jennys): Approved for STSV Dean
3. Tue, 02 Nov 2021 23:09:04 GMT
Sarah Harris (sarahha): Rollback to Initiator
4. Tue, 09 Nov 2021 20:07:00 GMT
Adrienne Duarte (adrienned): Approved for STSV Chair
5. Wed, 10 Nov 2021 23:43:47 GMT
Jenny Saechao (jennys): Approved for STSV Dean
6. Thu, 18 Nov 2021 18:19:17 GMT
Sarah Harris (sarahha): Rollback to Initiator
7. Thu, 18 Nov 2021 18:56:00 GMT
Adrienne Duarte (adrienned): Approved for STSV Chair
8. Thu, 18 Nov 2021 21:35:11 GMT
Jenny Saechao (jennys): Rollback to STSV Chair for STSV Dean
9. Thu, 18 Nov 2021 22:01:17 GMT
Adrienne Duarte (adrienned): Approved for STSV Chair
10. Fri, 03 Dec 2021 21:25:44 GMT
Jenny Saechao (jennys): Approved for STSV Dean
11. Mon, 13 Dec 2021 22:34:46 GMT
Sarah Harris (sarahha): Rollback to Initiator
12. Thu, 27 Jan 2022 19:56:56 GMT
Adrienne Duarte (adrienned): Approved for STSV Chair
13. Thu, 03 Feb 2022 00:02:13 GMT
Jenny Saechao (jennys): Approved for STSV Dean
14. Wed, 02 Mar 2022 20:02:41 GMT
Sarah Harris (sarahha): Rollback to Initiator
15. Mon, 21 Mar 2022 18:49:12 GMT

- Adrienne Duarte (adrienned): Approved for STSV Chair
16. Mon, 21 Mar 2022 18:53:40 GMT
Jenny Saechao (jennys): Approved for STSV Dean
 17. Thu, 31 Mar 2022 18:24:31 GMT
Sarah Harris (sarahha): Approved for Curriculum Coordinator
 18. Thu, 31 Mar 2022 22:22:44 GMT
Greg Keen (gregk): Approved for Articulation Officer
 19. Tue, 05 Apr 2022 20:19:15 GMT
Daniel Alvarado (danielal): Approved for Academic Resources Specialist
 20. Tue, 05 Apr 2022 21:10:59 GMT
Leah Velasquez (leahv): Approved for STSV Representative
 21. Tue, 05 Apr 2022 22:01:20 GMT
Amanda Cota (amandac): Approved for Financial Aid Rep
 22. Tue, 19 Apr 2022 18:11:03 GMT
Brice Nakamura (bricen): Approved for Distance Education Coordinator
 23. Thu, 21 Apr 2022 18:32:48 GMT
Milena Seyed (milenas): Approved for LIBR Representative
 24. Thu, 21 Apr 2022 21:34:27 GMT
Sarah Harris (sarahha): Approved for Curriculum Coordinator
 25. Fri, 22 Apr 2022 15:21:53 GMT
Adrienne Duarte (adrienned): Approved for adrienned

New Program Proposal

Date Submitted: Mon, 21 Mar 2022 18:48:45 GMT

Viewing: Associate of Science in Liberal Arts in Health Science Pathways

Last edit: Tue, 05 Apr 2022 20:18:00 GMT

Changes proposed by: adrienned

Proposer and Co-Contributor(s):

Proposer:

Name:	Email:
Adrienne Duarte	adrienned@cos.edu

General

Credit Status:

Credit

Program Award:

Associate of Science

Effective Term:

Fall 2023

Department:

Counseling

Program Title

Associate of Science in Liberal Arts in Health Science Pathways

Program Goal:

Local

Secondary Program Goal

CTE

Distance Ed Program:

Yes

DE Percentage

50 - 99%

Catalog Description:

This degree prepares students for the various pathways in the Health Science fields. Students completing this degree will have an introductory foundation and the necessary preparation to continue in one or more of the Health Science fields and programs around the San Joaquin Valley and beyond. Students will acquire the ability to identify and understand the body structure, physiological functions, written communication, and interpersonal growth.

Career and Transfer Opportunities:

Career Opportunities

Students will have access to the programs and career opportunities within the Health Science fields. Local allied health programs and careers include: Registered Nursing, Physical Therapy, Dental Hygienist or Occupational or Radiological Technologist as well as entry-level positions within medical offices.

Program Outcomes

Program Outcomes:

Program Outcomes

Upon completion of this program, students will be prepared in the foundational knowledge of human biology and physiology, reading, writing, and aspects of social behavioral sciences. This knowledge will prepare students to continue on in other allied health programs as well as prepare them for entry-level positions in medical offices.

Program Requirements:

Requirements

Program Requirements

Code	Title	Units
GENERAL EDUCATION		25
College of the Sequoias Associate Degree General Education (COS-GE) *		
+		
REQUIRED MAJOR COURSES		16
BIOL 030	Human Anatomy	4
BIOL 031	Human Physiology	4
ENGL 001	College Reading and Composition	4
MATH 230	Intermediate Algebra	4
or MATH 021	Introduction to Statistics	
Check individual programs for math requirement		
+		
Select one of the concentrations listed below.		
CONCENTRATION A - NURSING		13
BIOL 040	General Microbiology	4
PSY 001	General Psychology	3
SOC 001	Introduction to Sociology	3
or ANTH 010	Cultural Anthropology	
or NURS 106	Cultural Competency in Healthcare	
COMM 001	Fundamentals of Public Speaking	3
or COMM 004	Interpersonal Communication	
or COMM 008	Group Communication	
OR		
CONCENTRATION B – PHYSICAL THERAPY ASSISTANT		3
SOC 001	Introduction to Sociology	3
or PSY 001	General Psychology	
or HW 001	Personal and Community Health	

or HW 007	Sports Health	
OR		
CONCENTRATION C – DENTAL HYGIENE		24
BIOL 040	General Microbiology	4
CHEM 020	Introduction to General Chemistry	4
CHEM 021	Organic/Biological Chemistry	4
PSY 001	General Psychology	3
SOC 001	Introduction to Sociology	3
COMM 001	Fundamentals of Public Speaking	3
or COMM 004	Interpersonal Communication	
or COMM 008	Group Communication	
NUTR 018	Nutrition	3
OR		
CONCENTRATION D – RADIOLOGICAL TECHNOLOGY		6
COMM 001	Fundamentals of Public Speaking	3
or COMM 004	Interpersonal Communication	
or COMM 008	Group Communication	
NURS 256	Medical Terminology	3
OR		
CONCENTRATION E – OCCUPATIONAL THERAPY ASSISTANT		9
PSY 001	General Psychology	3
or SOC 001	Introduction to Sociology	
or CFS 080	Lifespan Development	
COMM 009	Intercultural Communication	3
NURS 256	Medical Terminology	3
OR		
CONCENTRATION F – RESPIRATORY CARE		11
BIOL 040	General Microbiology	4
CHEM 020	Introduction to General Chemistry	4
COMM 001	Fundamentals of Public Speaking	3
or COMM 004	Interpersonal Communication	
or COMM 008	Group Communication	
+		
ELECTIVES		7-28
Select additional degree applicable courses numbered 1-299 to achieve 60 units.		
=		
TOTAL		60

* Courses meet General Education requirements and 9-12 units may double count above in COS-GE.

The Associate of Arts in Liberal Arts with an Area of Emphasis requirements include completion of the 60 unit program defined above with at least 12 units taken in residence at College of the Sequoias with a "C" (2.0) average (see Associate Degree Requirements (<https://catalog.cos.edu/associate-degree-requirements/>) for additional details).

Units for Degree Major or Area of Emphasis (Min):

19

Units for Degree Major or Area of Emphasis (Max):

40

Total Units for Degree (Min):

60

Total Units for Degree (Max):

60

State Requirements:

TOP Code:

499900 - Other Interdisciplinary Studies

Enrollment and Completer Projection:

Course Number	Course Title	Required / Electives	Annual Number of Sections (Yr 1)	Annual Enrollment Total (Yr 1)	Annual Number of Sections (Yr 2)	Annual Enrollment Total (Yr 2)
BIOL 030-	Human Anatomy	Required	25	675	27	736
BIOL 031-	Human Physiology	Required	12	360	13	406
ENGL 001 -	College and Reading Composition	Required	239	5144	208	4219
MATH 230 -	Intermediate Algebra	Required	13	412	1	30
MATH 021 -	Elementary Statistics	Required	104	3457	117	3138
PSY 001 -	Psychology	Elective	56	2336	63	2269
BIOL 040-	Microbiology	Elective	16	396	17	459
SOC 001 -	Sociology	Elective	22	1185	30	1546
ANTH 010-	Anthropology	Elective	9	384	10	419
NURS 106-	Cultural Competency in Healthcare	Elective	2	82	2	103
COMM 001-	Public Speaking	Elective	43	1603	62	2073
COMM 004-	Interpersonal Communications	Elective	29	1050	29	892
COMM 008-	Group Communication	Elective	12	381	9	295
HW 001-	Personal and Community Health	Elective	31	1552	31	1239
HW 007-	Sports Health	Elective	2	103	2	73
CHEM 20-	Intro to General Chemistry	Elective	33	762	32	673
CHEM 21-	Organic and Biological Chemistry	Elective	1	21	1	22
NUTR 018-	Nutrition	Elective	24	699	31	729
NURS 256-	Medical Terminology	Elective	12	375	13	373
CFS 080-	Lifespan Development	Elective	7	232	10	299
COMM 009-	Intercultural Communication	Elective	5	141	5	136

Enrollment Projections:

1000

Projected Annual Completers:

200

Faculty Workload:

3

New Faculty Justification:

The program will use the current faculty teaching in these disciplines.

**New Equipment Justification:**

The program will use the current multiple campus facilities and equipment.

Library Acquisitions:

Library resources are adequate to meet the needs of this program.

Next Curriculum Review Date:

9/17/2027

Place of Program in Curriculum/Similar Programs:

This is one of four pathway degrees for the college.

Similar Programs at other colleges in Service Area:

Liberal Arts - Pathway to Social Behavioral Sciences; Liberal Arts - Pathway to Social Educational Occupations; University Studies - Pathway to Math and Science.

Master Planning:

This degree prepares students for the various pathways in the Health Science fields. Students completing this degree will have an introductory foundation and the necessary preparation to continue on in other allied health programs as well as prepare them for entry level positions in medical offices around the San Joaquin Valley and beyond. Students will also receive additional points on admission's criteria for allied health programs such as the COS RN program. Students will acquire the ability to identify and understand the body structure, physiological functions, written communication and interpersonal growth.

Compliance:**Student Selection and Fees:**

Students are selected through the usual registration processes and pay the standard college fees.

Attachments:**Additional Attachment**

Table of Major Requirements - Catalog Documentation.pdf
Fall 20 Enrolled RN Students.xlsx
Spring 22 Enrolled Students.xlsx
Spring 21 Enrolled RN Students.xlsx
Fall 21 Enrolled RN Students.xlsx

LMI and/or Employer Survey

Westgate Gardens Letter of Recommendation.pdf
Kaweah Health Letter of Recommendation.pdf
Healthcare Letters of Support Health Science Pathway - TNPA.pdf

Database**Effective Catalog**

2023-2024

Proposal Type

Substantial

CIP Code:

309999 - Multi-/Interdisciplinary Studies, Other.

Justification/Rationale:

This degree will help the college identify students who are pursuing allied health degree programs. Likewise, this degree communicates to the student the appropriate coursework according to the requirements of those various programs. Most students select the major they are not yet admitted into, such as nursing or PTA, therefore, this program will help the district analyze the data related to students pursuing the programs vs. those being admitted. COS Nursing program as well as other programs grant additional points towards admissions into their programs to students who have a degree as well. Students will also be prepared for entry level positions in medical offices.

CTE Code was selected so that supporting documentation could be attached.

Reviewer Comments

Sarah Harris (sarahha) (Tue, 02 Nov 2021 23:09:04 GMT): Rollback: Please work with articulation to update unit totals/ double-counting etc. Complete all narrative fields, including enrollment and completion projection tables (these are required for new programs and are submitted to Chancellor's office). Recommend updating title to match other, similar programs (eg liberal arts or university studies). Need to also include local degree documentation, either for transfer or community need (see email).

Sarah Harris (sarahha) (Thu, 18 Nov 2021 18:19:17 GMT): Rollback: Returning due to continued questions related to the narrative justification and documentation for this program. Please see email.

Jenny Saechao (jennys) (Thu, 18 Nov 2021 21:35:11 GMT): Rollback: Hi Adrienne; Per Sarah's comments, she indicates, "We also cannot have a degree intended primarily to prepare students for other associates degrees or certificates." The Program Outcome still has language that mentions how this degree will prepare students for "admissions" to local allied health programs. Perhaps, remove the word "admissions" and replace it with a statement about how completion of the degree helps prepare students with some knowledge that may be beneficial to various allied health programs...or better wording of this.

Sarah Harris (sarahha) (Thu, 31 Mar 2022 18:22:40 GMT): Edited to note that requested documentation for community need has now been attached - removed some lengthy older comments for clarity. Updated effective term to Fall 23 as catalog deadline has passed. Substantial change - new program.

Sarah Harris (sarahha) (Thu, 31 Mar 2022 18:24:17 GMT): Please also note this is being submitted as a local degree ONLY and is not CTE. This option was selected in secondary goal due to a courseleaf error to allow submission of attachments.

Key: 197