

**College of Health Sciences  
Undergraduate Kinesiology  
Core Competency Data, 2022-2023**

**Core Competency:** Quantitative Literacy

**Outcome Measure:** Exercise Physiology (KIN 3040L) Signature Assignment: Case Analysis and Lab

**Criteria for Success (if applicable):** 80% of students will be at “3” or higher

**Aligned with DQP Learning Areas:**

1. Specialized Knowledge
2. Broad Integrative Knowledge
3. Intellectual Skills/Core Competencies
4. Applied and Collaborative Learning, and
5. Civic and Global Learning

**Longitudinal Data:**

Quantitative Literacy skill	% of students achieving “3” or higher								5-year data
	Fall 2015 (N=18)	Spr 2016 (N=27)	Fall 2016 (N=20)	Spr 2017 (N=19)	Fall 2017 (N=25)	Spr 2018 (N=15)	Fall 2018 (N=22)	Spr 2019 (N=42)	
Interpretation	96%	96%	100%	94%	96%	100%	86%	81%	
Representation	91%	96%	85%	94%	84%	100%	81%	81%	
Calculation	91%	96%	90%	94%	72%	100%	81%	74%	
Application/Analysis	91%	96%	90%	84%	72%	100%	81%	79%	
Assumptions	96%	100%	90%	100%	92%	100%	86%	79%	
Communication	96%	96%	95%	94%	96%	100%	99%	88%	
	Fall 2019 (N=NA)	Spr 2020 (N=39)	Fall 2020 (N=27)	Spr 2021 (N=26)	Fall 2021 (N=24)	Spr 2022 (N=15)	Fall 2022 (N=22)	Spr 2023 (N=26)	5-year data
Interpretation	NA	90%	85%	92%	92%	93%	91%	81%	88%
Representation	NA	90%	89%	96%	92%	80%	91%	81%	87%
Calculation	NA	92%	63%	81%	92%	100%	68%	88%	82%
Application/Analysis	NA	79%	67%	77%	79%	100%	77%	88%	81%
Assumptions	NA	84%	78%	92%	100%	87%	86%	81%	86%
Communication	NA	92%	85%	96%	100%	100%	82%	92%	93%

**Fall 22-Spring 23 Interpretation:** For the spring 2023 data we met all of the criteria for this outcome, however in fall of 2022 we did not meet the application/analysis and calculation outcomes. This finding is not concerning to us since students are still learning how to apply data and research to their respective healthcare fields. Overall, our majors are doing well in their ability to take a data set an interpret and apply the information especially when you take a look at the 5-year data.

**5-Year Interpretation:** The College of Health Sciences has collected core competency data on over 1600 students within the last 5 years. When the quantitative data was pooled together over 5 years, we met the criteria for all outcomes within the rubric.

**Changes to be:** None at this time

**Rubric Used:** ACC&U Quantitative Literacy Rubric

**Core Competency:** Critical Thinking

**Outcome Measure:** Exercise Physiology (KIN 3040) Signature Assignment: Case Analysis and Lab

**Criteria for Success (if applicable):** 80% of students will be at “3” or higher

**Aligned with DQP Learning Areas:**

1. Specialized Knowledge
2. Broad Integrative Knowledge
3. Intellectual Skills/Core Competencies
4. Applied and Collaborative Learning, and
5. Civic and Global Learning

**Longitudinal Data:**

Critical Thinking skill	% of students achieving “3” or higher								5 Year Data
	Fall 2015 (N=18)	Spr 2016 (N=28)	Fall 2016 (N=20)	Spr 2017 (N=19)	Fall 2017 (N=25)	Spr 2018 (N=26)	Fall 2018 (N=27)	Spr 2019 (N=42)	
Explanation of issues	67%	90%	70%	80%	88%	92%	89%	74%	
Evidence	67%	93%	75%	95%	81%	92%	70%	76%	
Influence of context & assumptions	78%	93%	80%	95%	84%	81%	93%	90%	
Student’s position	89%	93%	75%	89%	92%	92%	93%	98%	
Conclusions and related outcomes	67%	90%	75%	84%	91%	81%	74%	88%	
	Fall 2019 (N=27)	Spr 2020 (N=38)	Fall 2020 (N=25)	Spr 2021 (N=25)	Fall 2021 (N=25)	Spr 2022 (N=23)	Fall 2022 (N=23)	Spring 2023 (N=26)	5 Year Data
Explanation of issues	93%	76%	88%	88%	100%	96%	87%	100%	89%
Evidence	81%	87%	80%	80%	96%	91%	87%	92%	84%
Influence of context & assumptions	100%	95%	92%	96%	100%	91%	91%	100%	95%
Student’s position	100%	95%	100%	100%	100%	96%	91%	100%	97%
Conclusions and related outcomes	93%	76%	84%	96%	96%	91%	96%	96%	89%

**Fall 22- Spring 23 Interpretation:** All criteria were met for this outcome in the fall of 2022 and spring of 2023.

**5 Year Interpretation:** All outcomes were met with looking at the 5-year data.

**Changes to be made:** No changes to be made this time.

**Rubric Used:** ACC&U Critical Thinking

**Core Competency:** Information Literacy

**Outcome Measure:** Exercise Physiology (KIN 3040) Signature Assignment: Case Analysis and Lab

**Criteria for Success (if applicable):** 80% of students will be at “3” or higher

**Aligned with DQP Learning Areas:**

1. Specialized Knowledge
2. Broad Integrative Knowledge
3. Intellectual Skills/Core Competencies
4. Applied and Collaborative Learning, and
5. Civic and Global Learning

**Longitudinal Data:**

Information Literacy skill	% of students achieving “3” or higher								5 Year Data
	Fall 2015 (N=18)	Spr 2016 (N=28)	Fall 2016 (N=19)	Spr 2017 (N=20)	Fall 2017 (N=25)	Spr 2018 (N=26)	Fall 2018 (N=27)	Spr 2019 (N=42)	
Determine Information needed	72%	86%	65%	75%	80%	88%	93%	71%	
Access Information	72%	86%	79%	90%	76%	88%	93%	74%	
Evaluate Information & Sources	56%	86%	65%	90%	68%	73%	63%	71%	
Use Information	56%	90%	79%	75%	76%	84%	74%	74%	
Access & Use Info Legally & Ethically	83%	86%	79%	100%	88%	88%	93%	88%	
	Fall 2019 (N=27)	Spr 2020 (N=38)	Fall 2020 (N=25)	Spr 2021 (N=25)	Fall 2021 (N=25)	Spr 2022 (N=24)	Fall 2022 (N=23)	Spr 2023 (N=26)	5 Year Data
Determine Information needed	93%	71%	76%	92%	96%	92%	91%	88%	86%
Access Information	97%	82%	80%	100%	100%	92%	87%	100%	91%
Evaluate Information & Sources	81%	87%	56%	84%	92%	100%	83%	100%	82%
Use Information	77%	76%	60%	76%	92%	96%	83%	96%	80%
Access & Use Info Legally & Ethically	96%	92%	80%	92%	96%	96%	91%	100%	92%

**Fall 22- Spring 23 Interpretation:** All criteria were met for this outcome in the fall of 2022 and spring of 2023.

**5 Year Interpretation:** Continued improvements within the information literacy outcome has been observed over the last 3 years. When examining the 5-year data we met all of the criteria.

**Changes to be made:** None at this time

**Rubric Used:** ACC&U Information Literacy

**Core Competency:** Written Communication

**Outcome Measure:** Exercise Physiology (KIN 3040) Signature Assignment: Concept Map Paper

**Criteria for Success (if applicable):** 80% of students will be at “3” or higher

**Aligned with DQP Learning Areas:**

1. Specialized Knowledge
2. Broad Integrative Knowledge
3. Intellectual Skills/Core Competencies
4. Applied and Collaborative Learning, and
5. Civic and Global Learning

**Longitudinal Data (From Fall 2014 – Spring 2021 with each sectioned row as an academic year):**

Written Communication	% of students achieving “3” or higher								
	Fall 2015 (N=18)	Spr 2016 (N=28)	Fall 2016 (N=19)	Spr 2017 (N=20)	Fall 2017 (N=25)	Spr 2018 (N=26)	Fall 2018 (N=27)	Spr 2019 (N=42)	
Context/Purpose	67%	93%	80%	75%	97%	85%	88%	76%	
Content Development	67%	90%	63%	90%	95%	83%	70%	76%	
Genre/Disciplinary Conventions	72%	97%	84%	90%	96%	83%	93%	85%	
Sources & Evidence	67%	93%	78%	90%	73%	76%	93%	81%	
Syntax & Mechanics	89%	93%	83%	90%	82%	76%	74%	92%	
	Fall 2019 (N=27)	Spr 2020 (N=38)	Fall 2020 (N=25)	Spr 2021 (N=25)	Fall 2021 (N=25)	Spr 2022 (N=23)	Fall 2022 (N=23)	Spr 2023 (N=26)	5-year data
Context/Purpose	93%	65%	80%	80%	88%	78%	82%	58%	79%
Content Development	85%	84%	76%	84%	100%	91%	87%	96%	85%
Genre/Disciplinary Conventions	100%	82%	92%	92%	100%	100%	100%	100%	94%
Sources & Evidence	93%	89%	84%	92%	96%	100%	91%	100%	92%
Syntax & Mechanics	100%	95%	92%	96%	100%	100%	91%	77%	92%

**Fall 22 – Spring 23 Interpretation:** All criteria were met for this outcome in the fall of 2022 however, the context/purpose and syntax outcomes were not met for the spring of 2023. In both of these areas there was a significant decline in the number of students who met the criteria. After speaking with the professor of the course there is no explained reason for the decline in performance. We will continue to monitor these two outcomes for the next year and consider reducing our criteria for success if this trend continues.

**5-year interpretation:** Four out of the 5 outcomes were met. We are not concerned about missing the context/purpose outcome by 1%. This is to be expected since 56% of the students in spring of 2023 met the outcome most likely driving the 5-year longitudinal data down.

**Changes to be made:** None at this time.

**Rubric Used:** ACC&U Written Communication

**Core Competency:** Written Communication

**Outcome Measure:** Kinesiology Capstone (KIN 4095) Signature Assignment: Vocation Expertise Paper

**Criteria for Success (if applicable):** 80% of students will be at “3” or higher

**Aligned with DQP Learning Areas:**

1. Specialized Knowledge
2. Broad Integrative Knowledge
3. Intellectual Skills/Core Competencies
4. Applied and Collaborative Learning, and
5. Civic and Global Learning

**Longitudinal Data:**

Written Communication	% of students achieving “3” or higher							4-Year Data
	Fall 2019 (N=26)	Fall 2020 (N=22)	Spr 2021 (N=40)	Fall 2021 (N=42)	Spr 2022 (N=30)	Fall 2022 (N=40)	Spr 2023 (N=30)	
Context/Purpose	100%	96%	98%	88%	97%	98%	97%	96%
Content Development	77%	91%	95%	92%	100%	83%	93%	90%
Genre/Disciplinary Conventions	50%	91%	80%	95%	97%	85%	80%	83%
Sources & Evidence	81%	100%	83%	83%	77%	100%	80%	86%
Syntax & Mechanics	73%	86%	83%	81%	87%	85%	83%	83%

**Fall 22 – Spring 23 Interpretation:** All criteria were met for this outcome.

**4-year interpretation:** All criteria for our outcomes were met.

**Changes to be made:** None at this time.

**Rubric Used:** ACC&U Written Communication

**Core Competency:** Oral Communication

**Outcome Measure:** Motor Learning and Development (KIN 3012) Signature Assignment: Motor Development Oral Presentation

**Criteria for Success (if applicable):** 80% of students will be at “3” or higher

**Aligned with DQP Learning Areas:**

1. Specialized Knowledge
2. Broad Integrative Knowledge
3. Intellectual Skills/Core Competencies
4. Applied and Collaborative Learning, and
5. Civic and Global Learning

**Longitudinal Data:**

Oral Communication	% of students achieving “3” or higher					
	Fall 2015 (N=4)	Spr 2016 (N=13)	Fall 2016 (N=10)	Spr 2017 (N=5)	Fall 2017 (N=21)	Spr 2018 (N=0)
Organization	100%	100%	100%	80%	100%	NA
Language	75%	92%	80%	80%	95%	NA
Delivery	75%	92%	90%	80%	90%	NA
Supporting material	75%	100%	90%	80%	100%	NA
Central message	100%	100%	100%	100%	90%	NA
	Fall 2018 (N=0)	Spr 2019 (N=42)	Fall 2019 (N=33)	Spr 2020 (N=0)	Fall 2020 (N=21)	Spr 2021 (N=0)
Organization	NA	100%	100%	NA	100%	NA
Language	NA	95%	91%	NA	99%	NA
Delivery	NA	88%	82%	NA	67%	NA
Supporting material	NA	98%	100%	NA	100%	NA
Central message	NA	98%	100%	NA	100%	NA

**Fall 20 Interpretation:** Data is no longer being collected in this class as of spring 2021. We will continue to collect oral data in KIN 4095 our senior capstone course. Please see the data for KIN 4095 below.

**Changes to be made:** None at this time

**Rubric Used:**

ACC&U Oral Communication

**Core Competency:** Oral Communication

**Outcome Measure:** Kinesiology Capstone (KIN 4095) Signature Assignment: Passionate Speech

**Criteria for Success (if applicable):** 80% of students will be at “3” or higher

**Aligned with DQP Learning Areas:**

1. Specialized Knowledge
2. Broad Integrative Knowledge
3. Intellectual Skills/Core Competencies
4. Applied and Collaborative Learning, and
5. Civic and Global Learning

**Longitudinal Data:**

Oral Communication	% of students achieving “3” or higher							4 Year Data
	Fall 2019 (N=26)	Fall 2020 (N=22)	Spr 2021 (N=38)	Fall 2021 (N=39)	Spr 2022 (N=25)	Fall 2022 (N=40)	Spring 2023 (N=30)	
Organization	100%	100%	100%	97%	100%	94%	100%	99%
Language	100%	95%	97%	87%	88%	83%	93%	92%
Delivery	79%	85%	68%	64%	88%	75%	87%	78%
Supporting material	93%	100%	100%	92%	100%	89%	100%	96%
Central message	93%	95%	100%	84%	100%	94%	97%	95%

**Fall 22- Spring 23 Interpretation:** All spring 2023 criteria were met, however, we did not meet the criteria for the delivery outcome measure in the fall of 23. Currently, this assignment is a fully online assignment which requires the students to record themselves and to upload their videos to canvas. If we continue to not meet this criteria we may consider adjusting the assignment so that students are presenting orally in class in a face to face format.

**4-year interpretation:** Four of the 5 outcomes were met when the longitudinal data was pooled together. See interpretation above for changes.

**Changes to be made:** None at this time.

**Rubric Used:** ACC&U Written Communication