

Reasoning in the Social Sciences 2020-2021

Courses or course sequences addressing Reasoning in the Social Sciences (RSS) must meet a majority of the student learning outcomes (SLOs). During the Spring 2021 semester,¹ Virginia Tech offered 120 Pathways courses that included the Core Concept of RSS.

| | Overall |
|---|----------------|
| Pathways Sections Offering RSS | 236 |
| Pathways Sections Reporting RSS Data ² | 133 (56%) |
| Pathways Sections Included in Analyses ³ | 86 (34%) |
| Enrollment in Sections Offering RSS* | 12,982 |
| Enrollment in Sections Included in Analyses* | 6,255 (48%) |

* Values include students who may be enrolled and/or assessed in multiple Pathways courses.

Table 1: Competency Levels per SLO for RSS

| | Sections Included in Analyses | Students Included in Analyses | Percentage of Students | | |
|---|-------------------------------|-------------------------------|------------------------|------------------|------------------|
| | | | Below Competent | Competent | Above Competent |
| SLO 1: Identify fundamental concepts of the social sciences. | 66 | 3,298 | 7% (n=239) | 28% (n=914) | 65% (n=2,145) |
| SLO 2: Analyze human behavior, social institutions, and/or patterns of culture using theories and methods of the social sciences. | 72 | 3,255 | 8% (n=249) | 33% (n=1,080) | 59% (n=1,926) |
| SLO 3: Identify interconnections among and differences between social institutions, groups, and individuals. | 44 | 2,360 | 11% (n=265) | 39% (n=924) | 50% (n=1,171) |
| SLO 4: Analyze the ways in which values and beliefs relate to human behavior and social relationships. | 40 | 1,388 | 7% (n=96) | 30% (n=422) | 63% (n=870) |

¹ Pathways assessment data collection was suspended for Fall 2020 due to the COVID-19 pandemic. Consequently, only data from the Spring 2021 semester are included in this report.

² 20 sections (15%) were missing data for one or more required SLOs; 113 sections (85%) provided complete data.

³ Data from 71 sections (53%) were fully included; 15 sections (11%) were partially included; 47 sections (35%) were excluded.

Reasoning in the Social Sciences 2020-2021

SLO 1: Identify fundamental concepts of the social sciences.

| | Total Sections Included in Analyses of SLO 1 |
|---|--|
| Pathways Sections Offering SLO 1 | 195 |
| Pathways Sections Reporting Data | 97 (50%) |
| Pathways Sections Included in Analyses | 66* (34%) |
| Enrollment in Sections Offering RSS 1** | 11,975 |
| Students Included in Analyses** | 3,298 (28%) |

* Data from 31 sections were excluded.

** Values include students who may be enrolled and/or assessed in multiple Pathways courses.

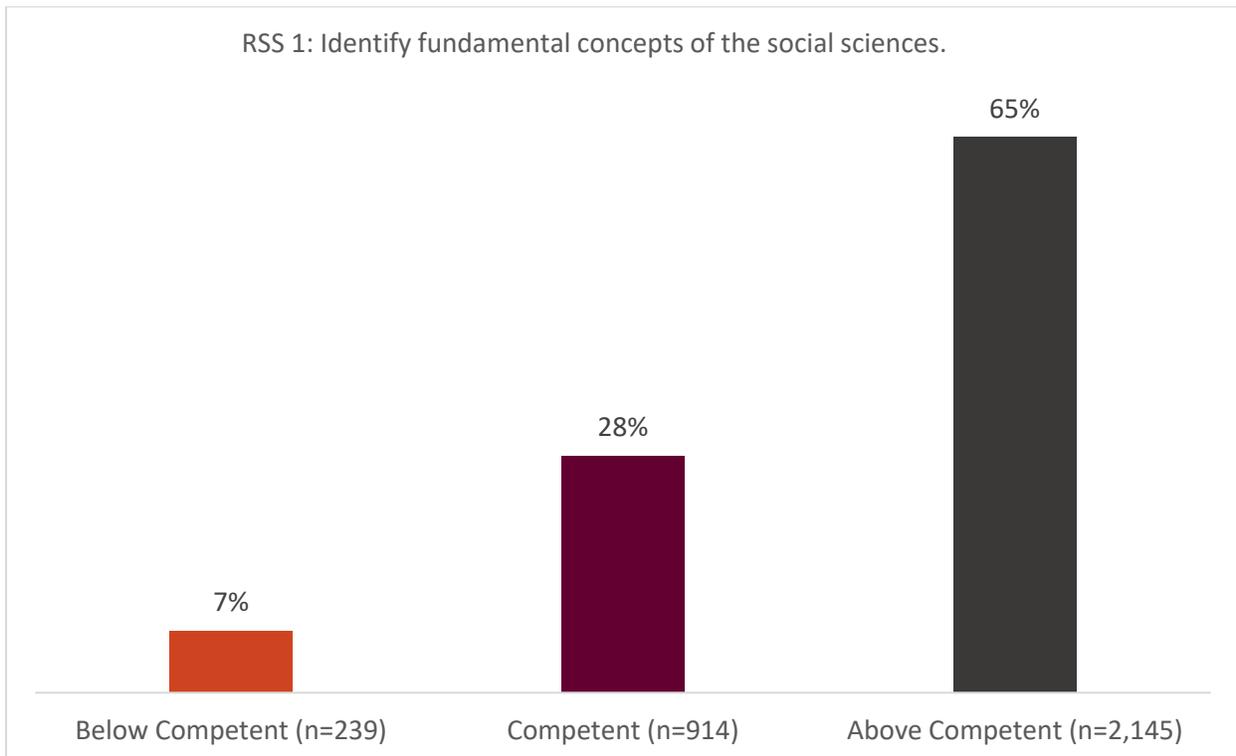


Figure 1. (n=3,298)

Reasoning in the Social Sciences 2020-2021

SLO 2: Analyze human behavior, social institutions, and/or patterns of culture using theories and methods of the social sciences.

| | |
|---|--|
| | Total Sections Included in Analyses of SLO 2 |
| Pathways Sections Offering SLO 2 | 205 |
| Pathways Sections Reporting Data | 104 (51%) |
| Pathways Sections Included in Analyses | 72* (35%) |
| Enrollment in Sections Offering RSS 2** | 12,053 |
| Students Included in Analyses** | 3,255 (27%) |

* Data from 32 sections were excluded.

** Values include students who may be enrolled and/or assessed in multiple Pathways courses.

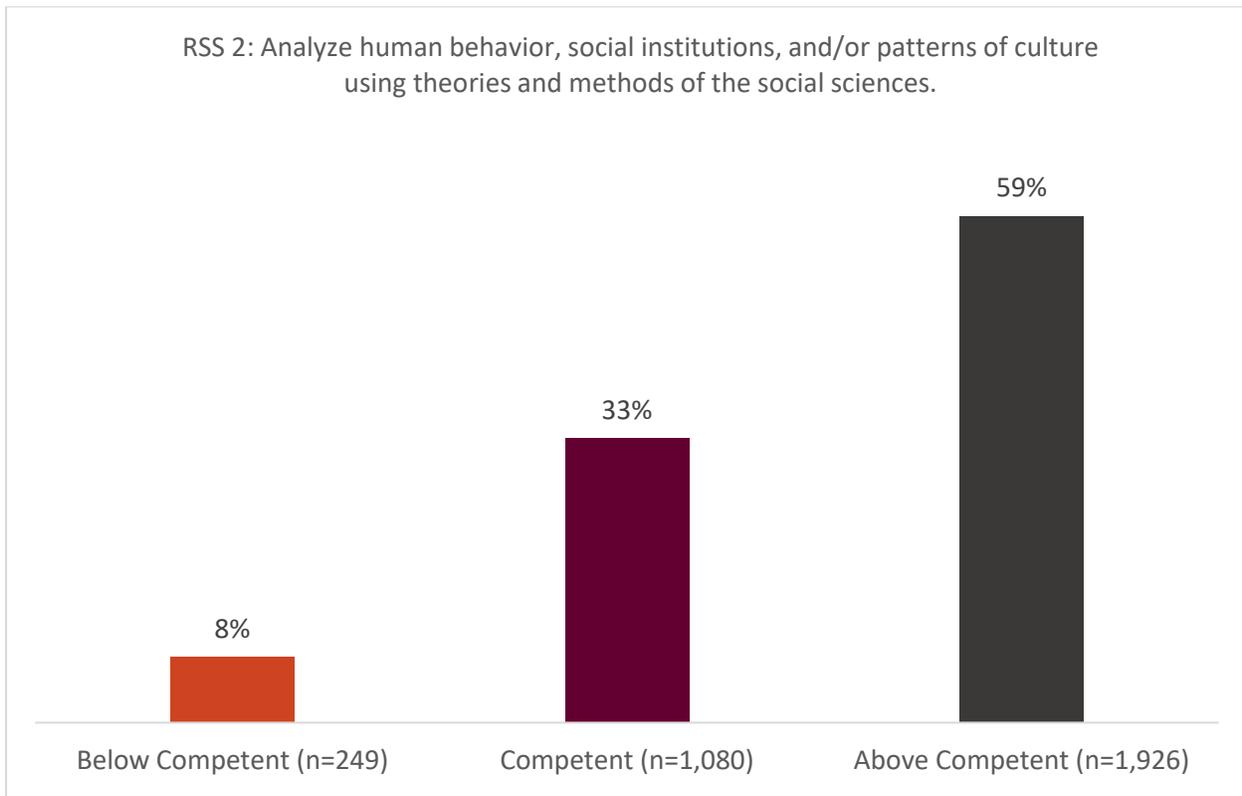


Figure 2. (n=3,255)

Reasoning in the Social Sciences 2020-2021

SLO 3: Identify interconnections among and differences between social institutions, groups, and individuals.

| | Total Sections Included in Analyses of SLO 3 |
|---|--|
| Pathways Sections Offering SLO 3 | 182 |
| Pathways Sections Reporting Data | 69 (38%) |
| Pathways Sections Included in Analyses | 44* (24%) |
| Enrollment in Sections Offering RSS 3** | 9,546 |
| Students Included in Analyses** | 2,360 (25%) |

* Data from 25 sections were excluded.

** Values include students who may be enrolled and/or assessed in multiple Pathways courses.

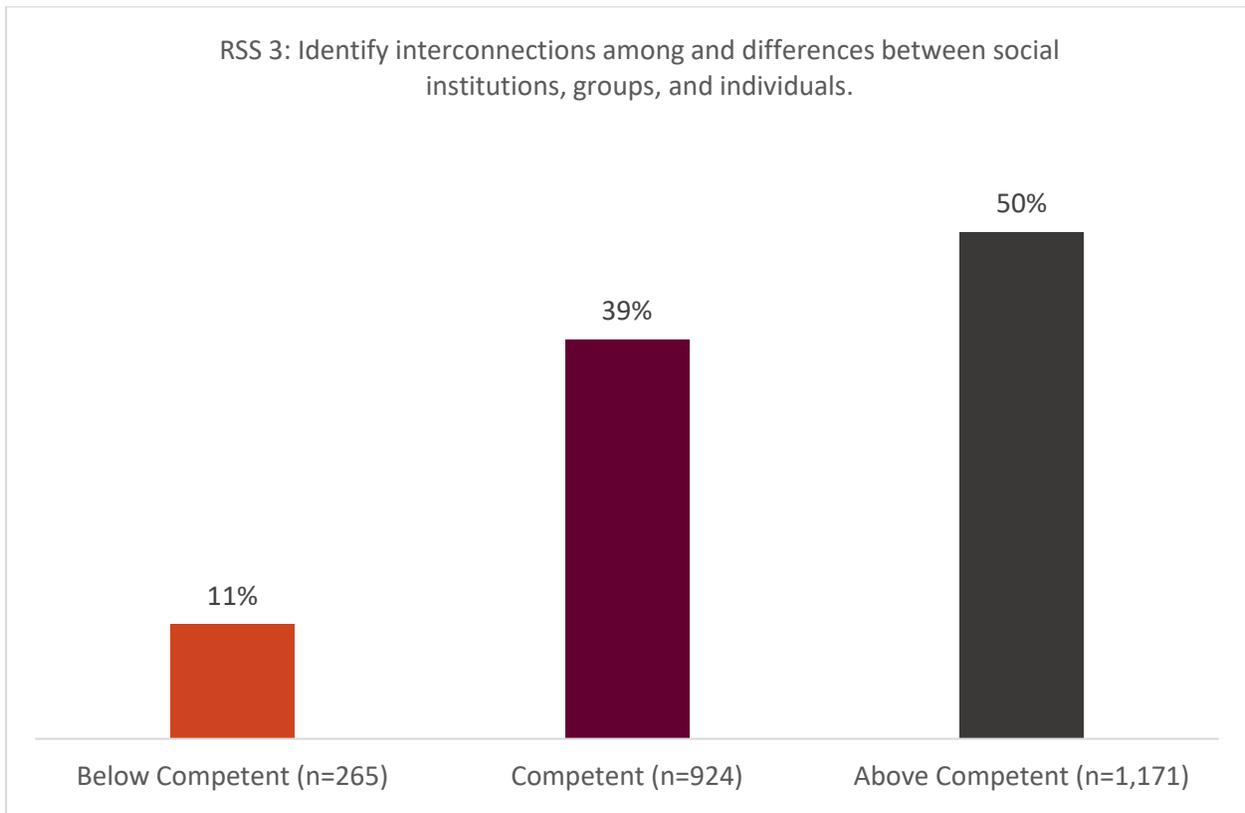


Figure 3. (n=2,360)

Reasoning in the Social Sciences 2020-2021

SLO 4: Analyze the ways in which values and beliefs relate to human behavior and social relationships.

| | |
|---|--|
| | Total Sections Included in Analyses of SLO 4 |
| Pathways Sections Offering SLO 4 | 128 |
| Pathways Sections Reporting Data | 62 (48%) |
| Pathways Sections Included in Analyses | 40* (31%) |
| Enrollment in Sections Offering RSS 4** | 6,372 |
| Students Included in Analyses** | 1,388 (22%) |

* Data from 22 sections were excluded.

** Values include students who may be enrolled and/or assessed in multiple Pathways courses.

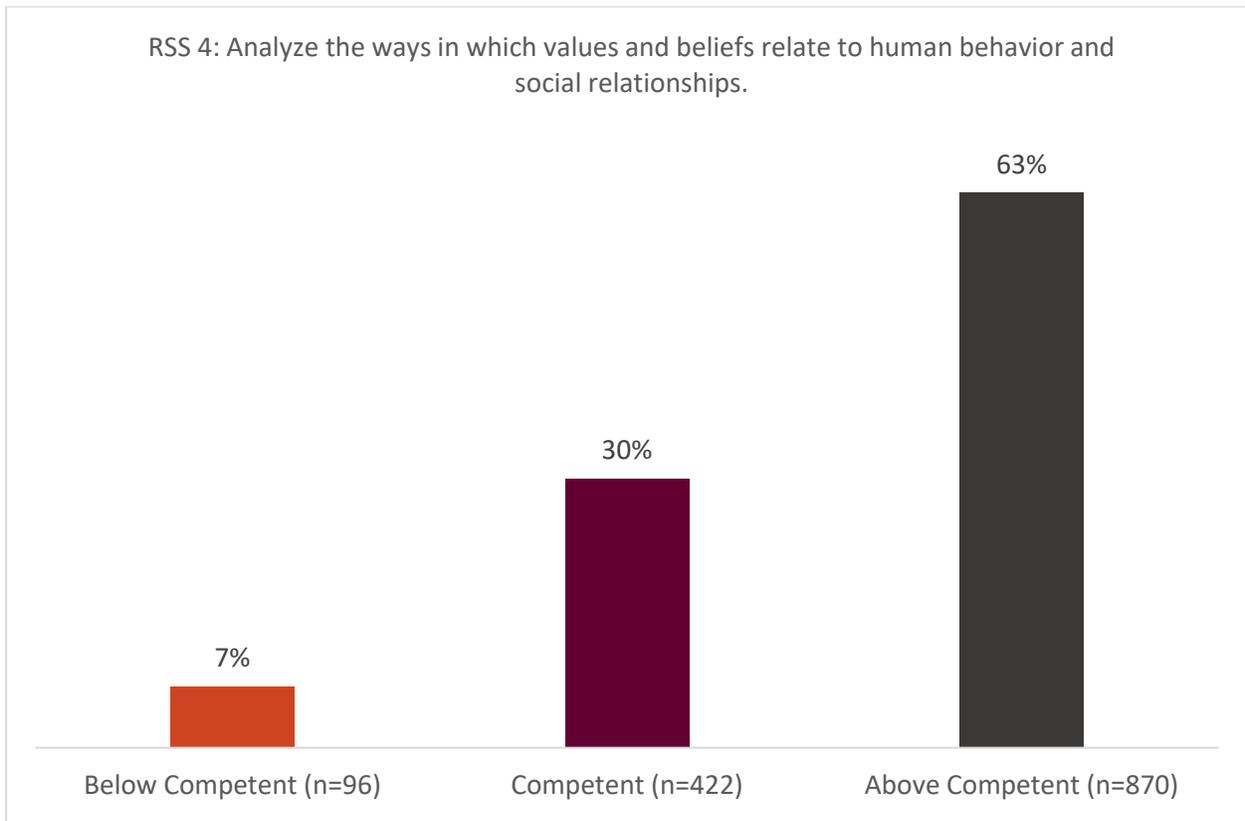


Figure 4. (n=1,388)