

Equity and Justice UCORE: Summary of Catalog Updates

College of Arts and Sciences (no. 3)

Faculty Senate approved January 19, 2023

Summary of Catalog Updates for:

Data Analytics

The following schedules of studies reflect the updates to the *WSU Catalog* 4-year plans in response to the new Equity and Justice [EQJS] UCORE designation. The updates have been reviewed and approved by the respective departments and college leadership. The effective date is fall 2023 for incoming students.

The department listed in this summary bulletin will require students to complete 6 of 7 UCOREs in these designations: ARTS, BSCI, DIVR, EQJS, HUM, PSCI, SSCI, including one lab science (BSCI or PSCI). The other UCORE requirements have not changed.

For the purpose of this summary document, the 7 UCORE designations are listed at the top of each schedule as a set and are highlighted as follows:

- Teal highlighting calls out any course that is a specified UCORE course (e.g., CHEM 101) that fulfills both a UCORE and major requirement.
- Yellow highlighting indicates a UCORE designation from which students will choose in order to fulfill the 6 of 7 requirement (e.g., “Arts [ARTS]” becomes “UCORE Inquiry”).
- The “UCORE Inquiry” footnote lists the courses from which students choose to complete the UCORE requirement.

ADVISORY NOTE: The updates below do not reflect any requirement changes that are in process for next year’s catalog. Any requirement changes will be updated with the EQJS information once approved.

Department	Summary of updated schedules of studies for EQJS
Data Analytics	Actuarial Science Option (120 Credits) ARTS, BSCI, DIVR, EQJS, HUM, PSCI, SSCI. Teal highlight represents a specified UCORE course from the set. Yellow highlight represents an open/elective UCORE course. First Year <i>First Term</i> <i>Credits</i> CPT S 121 or 131, or CS 121 4 DATA 115 3 ENGLISH 101 [WRTG] 3 MATH 171 [QUAN] 4 <i>Second Term</i> <i>Credits</i> CPT S 122 or 132, or CS 122 4

ECONS 101 [SSCI]	3
HISTORY 105 [ROOT]	3
MATH 172	4
Second Year	
<i>First Term</i>	<i>Credits</i>
Biological Sciences [BSCI] or Physical Sciences [PSCI] (with lab)[†]	4
UCORE Inquiry¹	3
CPT S / CS 215	3
ECONS 102	3
MATH 220	2
STAT 360	3
<i>Second Term</i>	<i>Credits</i>
ACCTG 230	3
Biological Sciences [BSCI] or Physical Sciences [PSCI][†]	3
UCORE Inquiry¹	3
CPT S / CS 315	3
FIN 325	3
Electives	3-4
Complete Writing Portfolio	
Third Year	
<i>First Term</i>	<i>Credits</i>
Arts [ARTS]	3
UCORE Inquiry¹	3
CPT S / CS 415	3
MATH 405	3
STAT 435 [M]	3
Electives or MATH 300 ²	3
<i>Second Term</i>	<i>Credits</i>
Communication [COMM] or Written Communication [WRTG]	3
CPT S 451 or CS 351	3
FIN 350	3
Humanities [HUM]	3
UCORE Inquiry¹	3
STAT 437	3
Fourth Year	
<i>First Term</i>	<i>Credits</i>

DATA 498 Internship	3
Diversity [DIVR]	3
UCORE Inquiry ¹	3
STAT 419	3
STAT 443	3
Electives or B LAW 210 ²	3
<i>Second Term</i>	
	<i>Credits</i>
DATA 424 [CAPS] [M]	3
PHIL 450	3
STAT 446	3
Electives	8

Footnotes

¹ Must complete 5 of these 6 UCORE categories: ARTS, BSCI, DIVR, EQJS, HUM, PSCI. One lab science (BSCI or PSCI) must be completed.

² B LAW 210 and MATH 300 are recommended electives.

Agricultural and Environmental Systems Option (120 Credits)

ARTS, BSCI, DIVR, EQJS, HUM, PSCI, SSCI.

Teal highlight represents a specified UCORE course from the set.

Yellow highlight represents an open/elective UCORE course.

First Year

<i>First Term</i>		<i>Credits</i>
CPT S 121 or 131, or CS 121		4
DATA 115		3
ENGLISH 101 [WRTG]		3
MATH 171 [QUAN]		4
<i>Second Term</i>		<i>Credits</i>
CPT S 122 or 132, or CS 122		4
Foreign Language, if needed, or Electives		3
Social Sciences [SSCI]		3
UCORE Inquiry ¹		3
Electives		4

Second Year

First Term *Credits*

BIOLOGY 106 [BSCI] **4**

CPT S / CS 215 3

MATH 220 2

SOIL SCI 201 3

Electives 3

Second Term *Credits*

Communication [COMM] or Written Communication [WRTG] 3

CPT S / CS 315 3

Physical Sciences [PSCI] or SOE 101 [PSCI] **3 or 4**

UCORE Inquiry ¹ **3**

SOE 204 4

Electives 3

Complete Writing Portfolio

Third Year

First Term *Credits*

Arts [ARTS] **3**

UCORE Inquiry ¹ **3**

CPT S / CS 415 3

STAT 435 [M] 3

Option Course or Elective ² 3 or 4

Electives 3

Second Term *Credits*

CPT S 451 or CS 351 3

Humanities [HUM] **3**

UCORE Inquiry ¹ **3**

STAT 437 3

Electives 6

Fourth Year

First Term *Credits*

DATA 498 Internship 3

Diversity [DIVR] **3**

UCORE Inquiry ¹ **3**

SOIL SCI 368 3

STAT 419 3

Electives	3
<i>Second Term</i>	
DATA 424 [CAPS] [M]	3
PHIL 450	3
SOIL SCI 468	4
Electives	6

Footnotes

¹ **Must complete 5 of these 6 UCORE categories: ARTS, DIVR, EQJS, HUM, PSCI, SSCI.**

² Option Course (3 or 4 credits): Choose one from BIOLOGY 372, SOE 110, or SOIL SCI 374. BIOLOGY 372 requires prerequisite CHEM 102 or CHEM 105.

Business Option (120 Credits)

ARTS, BSCI, DIVR, EQJS, HUM, PSCI, SSCI.

Teal highlight represents a specified UCORE course from the set.

Yellow highlight represents an open/elective UCORE course.

First Year

<i>First Term</i>		<i>Credits</i>
CPT S 121 or 131, or CS 121		4
DATA 115		3
ENGLISH 101 [WRTG]		3
MATH 171 [QUAN]		4
Electives		1

<i>Second Term</i>		<i>Credits</i>
CPT S 122 or 132, or CS 122		4
ECONS 101 [SSCI]		3
HISTORY 105 [ROOT]		3
Electives		5

Second Year

<i>First Term</i>		<i>Credits</i>
ACCTG 230		3
Biological Sciences [BSCI] or Physical Sciences [PSCI] (with lab)[†]		4
UCORE Inquiry¹		3

CPT S / CS 215	3
MATH 220	2
STAT 360	3
<i>Second Term</i>	<i>Credits</i>
Biological Sciences [BSCI] or Physical Sciences [PSCI] [†]	3
UCORE Inquiry ¹	3
Communication [COMM] or Written Communication [WRTG]	3
CPT S / CS 315	3
MIS 250	3
Electives	3-4
Complete Writing Portfolio	
Third Year	
<i>First Term</i>	<i>Credits</i>
Arts [ARTS]	3
UCORE Inquiry ¹	3
CPT S / CS 415	3
ECONS 311	3
STAT 435 [M]	3
Electives	3
<i>Second Term</i>	<i>Credits</i>
CPT S 451 or CS 351	3
Humanities [HUM]	3
UCORE Inquiry ¹	3
MIS 372	3
STAT 437	3
Electives	3
Fourth Year	
<i>First Term</i>	<i>Credits</i>
DATA 498 Internship	3
Diversity [DIVR]	3
UCORE Inquiry ¹	3
STAT 419	3
Choice Pair Course ²	3
Electives	3
<i>Second Term</i>	<i>Credits</i>
DATA 424 [CAPS] [M]	3
PHIL 450	3

Choice Pair Course ²	3
Electives	6

Footnotes

¹ Must complete 5 of these 6 UCORE categories: ARTS, BSCI, DIVR, EQJS, HUM, PSCI. One lab science (BSCI or PSCI) must be completed.

² Choice Pair Courses (6 credits): Choose 1 pair from FIN 325 and FIN 421; FIN 325 and FIN 425; FIN 325 and FIN 427; MIS 325 and MIS 420; or MKTG 360 and MKTG 368.

Computation Option (120 Credits)

ARTS, BSCI, DIVR, EQJS, HUM, PSCI, SSCI.

Teal highlight represents a specified UCORE course from the set.

Yellow highlight represents an open/elective UCORE course.

First Year

	<i>Credits</i>
<i>First Term</i>	
CPT S 121 or 131	4
DATA 115	3
ENGLISH 101 [WRTG]	3
MATH 171 [QUAN]	4
Electives	1
<i>Second Term</i>	
CPT S 122 or 132	4
HISTORY 105 [ROOT]	3
Social Sciences [SSCI]	3
UCORE Inquiry ¹	3
Electives	5

Second Year

	<i>Credits</i>
<i>First Term</i>	
Biological Sciences [BSCI] or Physical Sciences [PSCI] (with lab) [†]	4
UCORE Inquiry ¹	3
CPT S 215	3
MATH 216	3
MATH 220	2
STAT 360	3

<i>Second Term</i>	<i>Credits</i>
Biological Sciences [BSCI] or Physical Sciences [PSCI] ¹	3
UCORE Inquiry ¹	3
Communication [COMM] or Written Communication [WRTG]	3
CPT S 315	3
CPT S 317	3
Electives	3-4
Complete Writing Portfolio	

Third Year

<i>First Term</i>	<i>Credits</i>
Arts [ARTS]	3
UCORE Inquiry ¹	3
CPT S 322	3
CPT S 415	3
MATH 301	3
STAT 435 [M]	3

<i>Second Term</i>	<i>Credits</i>
CPT S 350	3
CPT S 451	3
Humanities [HUM]	3
UCORE Inquiry ¹	3
MATH 364	3
STAT 437	3

Fourth Year

<i>First Term</i>	<i>Credits</i>
CPT S 434, 437, or 440	3
DATA 498 Internship	3
Diversity [DIVR]	3
UCORE Inquiry ¹	3
MATH 420	3
STAT 419	3

<i>Second Term</i>	<i>Credits</i>
DATA 424 [CAPS] [M]	3
PHIL 450	3
Option Courses ²	9

Footnotes

¹ **Must complete 6 of these 7 UCORE categories: ARTS, BSCI, DIVR, EQJS, HUM, PSCI, SSCI. One lab science (BSCI or PSCI) must be completed.**

² Option Courses (9 credits): Choose three from CPT S /CS 411, CPT S /CS 471, MATH 448 (prerequisite of MATH 315), or MATH 466.

Data Visualization Option (120 Credits)

ARTS, BSCI, DIVR, EQJS, HUM, PSCI, SSCI.

Teal highlight represents a specified UCORE course from the set.

Yellow highlight represents an open/elective UCORE course.

First Year

<i>First Term</i>	<i>Credits</i>
CPT S 121 or 131, or CS 121	4
DATA 115	3
ENGLISH 101 [WRTG]	3
MATH 171 [QUAN]	4
Electives	1
<i>Second Term</i>	<i>Credits</i>
CPT S 122 or 132, or CS 122	4
HISTORY 105 [ROOT]	3
Social Sciences [SSCI]	3
UCORE Inquiry¹	3
Electives	5

Second Year

<i>First Term</i>	<i>Credits</i>
Biological Sciences [BSCI] or Physical Sciences [PSCI] (with lab)¹	4
UCORE Inquiry¹	3
CPT S / CS 215	3
DTC 201 [ARTS]	3
MATH 220	2
STAT 360	3
<i>Second Term</i>	<i>Credits</i>
Biological Sciences [BSCI] or Physical Sciences [PSCI]¹	3
UCORE Inquiry¹	3
Communication [COMM] or Written Communication [WRTG]	3

CPT S / CS 315	3
DTC 101 or 209	3
Electives	3- 4
Complete Writing Portfolio	

Third Year

<i>First Term</i>	<i>Credits</i>
CPT S / CS 415	3
STAT 435 [M]	3
Option Courses ²	6
Electives	3
<i>Second Term</i>	<i>Credits</i>
CPT S 451 or CS 351	3
Humanities [HUM]	3
UCORE Inquiry ¹	3
STAT 437	3
Option Courses ²	6

Fourth Year

<i>First Term</i>	<i>Credits</i>
DATA 498 Internship	3
Diversity [DIVR]	3
UCORE Inquiry ¹	3
STAT 419	3
ECONS 101 [SSCI] or 102 [SSCI]	6
<i>Second Term</i>	<i>Credits</i>
DATA 424 [CAPS] [M]	3
PHIL 450	3
Electives	9

Footnotes

¹ **Must complete 5 of these 6 UCORE categories: BSCI, DIVR, EQJS, HUM, PSCI, SSCI. One lab science (BSCI or PSCI) must be completed.**

² Option Courses (12 credits): Choose four from: DTC 335, 336, 354, 355, 435, 477, 478.

Economics Option (120 Credits)

ARTS, BSCI, DIVR, EQJS, HUM, PSCI, SSCI.

Teal highlight represents a specified UCORE course from the set.

Yellow highlight represents an open/elective UCORE course.

First Year

<i>First Term</i>	<i>Credits</i>
CPT S 121 or 131, or CS 121	4
DATA 115	3
ENGLISH 101 [WRTG]	3
MATH 171 [QUAN]	4
<i>Second Term</i>	<i>Credits</i>
CPT S 122 or 132, or CS 122	4
ECONS 101 [SSCI]	3
HISTORY 105 [ROOT]	3
Electives	4

Second Year

<i>First Term</i>	<i>Credits</i>
Biological Sciences [BSCI] or Physical Sciences [PSCI] (with lab) [†]	4
UCORE Inquiry ¹	3
CPT S / CS 215	3
ECONS 102	3
ECONS 301	4
MATH 220	2
STAT 360	3
<i>Second Term</i>	<i>Credits</i>
Biological Sciences [BSCI] or Physical Sciences [PSCI] [†]	3
UCORE Inquiry ¹	3
Communication [COMM] or Written Communication [WRTG]	3
CPT S / CS 315	3
Electives	3-4
Complete Writing Portfolio	

Third Year

<i>First Term</i>	<i>Credits</i>
Arts [ARTS]	3
UCORE Inquiry ¹	3
CPT S / CS 415	3
ECONS 302	3

STAT 435 [M]	3
Option Course ²	3
<i>Second Term</i>	
	<i>Credits</i>
CPT S 451 or CS 351	3
Humanities [HUM]	3
UCORE Inquiry¹	3
STAT 437	3
Option Courses ²	6

Fourth Year

<i>First Term</i>	
	<i>Credits</i>
DATA 498 Internship	3
Diversity [DIVR]	3
UCORE Inquiry¹	3
STAT 419	3
Electives	6
<i>Second Term</i>	
	<i>Credits</i>
DATA 424 [CAPS] [M]	3
PHIL 450	3
Electives	10

Footnotes

¹ **Must complete 5 of these 6 UCORE categories: ARTS, BSCI, DIVR, EQJS, HUM, PSCI. One lab science (BSCI or PSCI) must be completed.**

² Option Courses (9 credits): Choose three from ECONS 311, 321, 323, 324, 327, 424, 425, 426, 451, 452, 490, STAT 443.

General Option (120 Credits)

ARTS, BSCI, DIVR, EQJS, HUM, PSCI, SSCI.

Teal highlight represents a specified UCORE course from the set.

Yellow highlight represents an open/elective UCORE course.

First Year

<i>First Term</i>	
	<i>Credits</i>
CPT S 121 or 131, or CS 121	4
DATA 115	3

ENGLISH 101 [WRTG]	3
MATH 171 [QUAN]	4
<i>Second Term</i>	<i>Credits</i>
CPT S 122 or 132, or CS 122	4
HISTORY 105 [ROOT]	3
Social Sciences [SSCI]	3
<u>UCORE Inquiry¹</u>	<u>3</u>
Electives	3
Second Year	
<i>First Term</i>	<i>Credits</i>
Biological Sciences [BSCI] or Physical Sciences [PSCI] (with lab)[†]	4
<u>UCORE Inquiry¹</u>	<u>4</u>
CPT S / CS 215	3
MATH 220	2
STAT 360	3
Minor Course ²	3
<i>Second Term</i>	<i>Credits</i>
Biological Sciences [BSCI] or Physical Sciences [PSCI][†]	3
<u>UCORE Inquiry¹</u>	<u>3</u>
Communication [COMM] or Written Communication [WRTG]	3
CPT S / CS 315	3
Minor Courses ²	7
Complete Writing Portfolio	
Third Year	
<i>First Term</i>	<i>Credits</i>
Arts [ARTS]	3
<u>UCORE Inquiry¹</u>	<u>3</u>
CPT S / CS 415	3
STAT 435 [M]	3
Minor Courses or Electives ²	6
<i>Second Term</i>	<i>Credits</i>
CPT S 451 or CS 351	3
Humanities [HUM]	3
<u>UCORE Inquiry¹</u>	<u>3</u>
STAT 437	3
Minor Courses or Electives ²	6

Fourth Year

<i>First Term</i>	<i>Credits</i>
DATA 498 Internship	3
Diversity [DIVR]	3
UCORE Inquiry ¹	3
STAT 419	3
Electives	6
<i>Second Term</i>	<i>Credits</i>
DATA 424 [CAPS] [M]	3
PHIL 450	3
Electives	10

Footnotes

¹ **Must complete 6 of these 7 UCORE categories: ARTS, BSCI, DIVR, EQJS, HUM, PSCI, SSCI. One lab science (BSCI or PSCI) must be completed.**

² Students are encouraged to pursue a minor, in consultation with their advisor, while completing this option. Coursework must include sufficient 300-400-level coursework to meet the University requirement of 40 upper-division credits.

Life Sciences Option (120 Credits)

ARTS, BSCI, DIVR, EQJS, HUM, PSCI, SSCI.

Teal highlight represents a specified UCORE course from the set.

Yellow highlight represents an open/elective UCORE course.

First Year

<i>First Term</i>	<i>Credits</i>
CPT S 121 or 131, or CS 121	4
DATA 115	3
ENGLISH 101 [WRTG]	3
MATH 171 [QUAN]	4
<i>Second Term</i>	<i>Credits</i>
BIOLOGY 106 [BSCI]	4
CPT S 122 or 132, or CS 122	4
HISTORY 105 [ROOT]	3
Electives	4

Second Year	
<i>First Term</i>	<i>Credits</i>
BIOLOGY 107	4
CHEM 101 [PSCI] or CHEM 105 [PSCI]	4
CPT S / CS 215	3
MATH 220	2
STAT 360	3
<i>Second Term</i>	<i>Credits</i>
CHEM 102 or CHEM 106	4
Communication [COMM] or Written Communication [WRTG]	3
CPT S / CS 315	3
Social Sciences [SSCI]	3
UCORE Inquiry ¹	3
Electives	3
Complete Writing Portfolio	
Third Year	
<i>First Term</i>	<i>Credits</i>
Arts [ARTS]	3
UCORE Inquiry ¹	3
BIOLOGY 301 or MBIOS 301	4
CPT S / CS 415	3
STAT 435 [M]	3
Electives	3
<i>Second Term</i>	<i>Credits</i>
CPT S 451 or CS 351	3
Humanities [HUM]	3
UCORE Inquiry ¹	3
STAT 437	3
Recommended Option Course or Electives ²	6
Fourth Year	
<i>First Term</i>	<i>Credits</i>
DATA 498 Internship	3
Diversity [DIVR]	3
UCORE Inquiry ¹	3
STAT 419	3
Recommended Option Course or Electives ²	3

Electives	3
<i>Second Term</i>	
	<i>Credits</i>
DATA 424 [CAPS] [M]	3
PHIL 450	3
Electives	7

Footnotes

¹ **Must complete 4 of these 5 UCORE categories: ARTS, DIVR, EQJS, HUM, SSCI.**

² Recommended Option Courses: BIOLOGY 335, 474, MBIOS 478.

Physical Sciences Option (120 Credits)

ARTS, BSCI, DIVR, EQJS, HUM, PSCI, SSCI.

Teal highlight represents a specified UCORE course from the set.

Yellow highlight represents an open/elective UCORE course.

First Year

<i>First Term</i>	
	<i>Credits</i>
CPT S 121 or 131, or CS 121	4
DATA 115	3
ENGLISH 101 [WRTG]	3
MATH 171 [QUAN]	4
Electives	1

<i>Second Term</i>	
	<i>Credits</i>
CHEM 105 [PSCI]	4
CPT S 122 or 132, or CS 122	4
HISTORY 105 [ROOT]	3
Electives	4

Second Year

<i>First Term</i>	
	<i>Credits</i>
Biological Sciences [BSCI]	3
UCORE Inquiry¹	3
CHEM 106	4
CPT S / CS 215	3
MATH 220	2

STAT 360	3
<i>Second Term</i>	<i>Credits</i>
Communication [COMM] or Written Communication [WRTG]	3
CPT S / CS 315	3
MATH 273	3
Social Sciences [SSCI]	3
<u>UCORE Inquiry¹</u>	<u>3</u>
Electives	3
Complete Writing Portfolio	
Third Year	
<i>First Term</i>	<i>Credits</i>
<u>Arts [ARTS]</u>	<u>3</u>
<u>UCORE Inquiry¹</u>	<u>3</u>
CPT S / CS 415	3
PHYSICS 201	3
PHYSICS 211	1
PHYSICS 212	1
STAT 435 [M]	3
Electives	3
<i>Second Term</i>	<i>Credits</i>
CPT S 451 or CS 351	3
<u>Humanities [HUM]</u>	<u>3</u>
<u>UCORE Inquiry¹</u>	<u>3</u>
PHYSICS 202	3
STAT 437	3
Option Course ²	3
Fourth Year	
<i>First Term</i>	<i>Credits</i>
DATA 498 Internship	3
<u>Diversity [DIVR]</u>	<u>3</u>
<u>UCORE Inquiry¹</u>	<u>3</u>
STAT 419	3
Option Course ¹	1 or 2
Electives	3
<i>Second Term</i>	<i>Credits</i>
DATA 424 [CAPS] [M]	3
PHIL 450	3

Electives 9

Footnotes

¹ Must complete 5 of these 6 UCORE categories: ARTS, BSCI, DIVR, EQJS, HUM, SSCI.

² Option Course (4 or 5 credits): Choose one pair from CHEM 331 and 333 or CHEM 332 and 334.

Social Sciences Option (120 Credits)

ARTS, BSCI, DIVR, EQJS, HUM, PSCI, SSCI.

Teal highlight represents a specified UCORE course from the set.

Yellow highlight represents an open/elective UCORE course.

First Year

First Term *Credits*

CPT S 121 or 131, or CS 121 4

DATA 115 3

ENGLISH 101 [WRTG] 3

MATH 171 [QUAN] 4

Electives 1

Second Term *Credits*

CPT S 122 or 132, or CS 122 4

HISTORY 105 [ROOT] 3

SOC 101 [SSCI] 3

Electives 5

Second Year

First Term *Credits*

Biological Sciences [BSCI] or Physical Sciences [PSCI] (with lab)⁺ 4

UCORE Inquiry¹ 4

CPT S / CS 215 3

MATH 220 2

POL S 201 or SOC 317 3

STAT 360 3

Second Term *Credits*

Biological Sciences [BSCI] or Physical Sciences [PSCI]⁺ 3

UCORE Inquiry¹	3
Communication [COMM] or Written Communication [WRTG]	3
CPT S / CS 315	3
SOC 340 [DIVR]	3
Electives	3
Complete Writing Portfolio	
Third Year	
<i>First Term</i>	<i>Credits</i>
Arts [ARTS]	3
UCORE Inquiry¹	3
CPT S / CS 415	3
POL S 316	3
STAT 435 [M]	3
Option Course ²	3
<i>Second Term</i>	<i>Credits</i>
CPT S 451 or CS 351	3
Humanities [HUM]	3
UCORE Inquiry¹	3
STAT 437	3
Option Courses ²	6
Fourth Year	
<i>First Term</i>	<i>Credits</i>
DATA 498 Internship	3
STAT 419	3
Electives	9
<i>Second Term</i>	<i>Credits</i>
DATA 424 [CAPS] [M]	3
PHIL 450	3
Electives	9

Footnotes

¹ **Must complete 4 of these 5 UCORE categories: ARTS, BSCI, EQJS, HUM, PSCI. One lab science (BSCI or PSCI) must be completed.**

² Option Courses (9 credits): Choose three from ED PSYCH 400, 404, PHIL 350, POL S 416, PSYCH 105, 333, SOC 230.