

## Sample Plan of Study for Data Science Majors Adding Philosophy as a Second Major

Credits	Fall 1st Year	Prerequisite	Credits	Spring 1st Year	Prerequisite
4	CS 18000 <sup>CC</sup> *** SCC-C	Co-req MA 16100 or MA 16500	3	CS 18200 ***	CS 18000 & (MA 16100 or MA 16500)
1	CS 19100*	Co-req CS 18000	1	CS 38003***	CS 18000
1	CS 19300*	Co-req CS 19100	4-5	MA 16200 or MA 16600	MA 16100 or MA 16500
4-5	MA 16100 <sup>CC</sup> or MA 16500 <sup>CC</sup>	ALEKS score 85+	3-4	Language level I OR ENGL 10600/10800/HONR 19903	
3-4	Language Level I or ENGL 10600/10800/HONR 19903		3	PHIL 15000	
<b>13-15</b>			<b>16</b>		

Credit	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
3	CS 24200 ***		3	CS 37300 ***	
3	STAT 35500 ***		3	MA 35100	MA 16200 or MA 16500 & (co-req MA 26100 or MA 27101)
4-5	MA 26100 or MA 27101	MA 16200 or MA 16600	3	Science/Tech/Soc SCC-H	
3-4	Language level III/Culture or Diversity course	Language level II	3	STAT 41600	MA 261 or MA 27101
1 -2	Free Elective (rec. CS 29100*)		3	PHIL Area B	
<b>13-17</b>			<b>16</b>		

Credit	Fall 3rd Year	Prerequisite	Credit	Spring 3rd Year	Prerequisite
3	CS 37300 ***	Varies	3	CS Elective I ***	Varies
3	STAT 41700	MA 16200 or MA 16600	3	STAT Elective ***	Varies
3	COM 21700		3	Great Issues	Varies
3	General Education I		3	General Education II	
3	PHIL Area B		3	PHIL Area C	
<b>15</b>			<b>15</b>		

Credit	Fall 4th Year	Prerequisite	Credit	Spring 4th Year	Prerequisite
1-5	CS 49000 ***	Varies	0-3	Capstone Experience ***	Varies
3-4	Lab Science I	Varies	3-4	Lab Science II	Lab I
3	CS Elective II		3	PHIL Area D	
3	PHIL Area D - General Education III	See note	3	PHIL Area D (40000 or higher)	
3	PHIL Area D (40000 or higher)		3	PHIL Area D (40000 or higher)	
<b>15-16</b>			<b>12-16</b>		

Courses meeting the College of Science Core Curriculum requirements are marked with "SCC" and a letter corresponding to the legend below:

### College of Science Core Curriculum (SCC)

- |                                       |                       |
|---------------------------------------|-----------------------|
| A. Freshman Composition               | G. Laboratory Science |
| B. Technical Writing and Presentation | H. Multidisciplinary  |
| C. Teaming and Collaboration          | I. Mathematics        |
| D. General Education                  | J. Statistics         |
| E. Foreign Language and Culture       | K. Computing          |
| F. Great Issues                       |                       |

\* Enrollment in freshman seminar courses CS 19100 and CS 19300 is required with CS 17700 or CS 18000. They are not degree requirements. CS 29100 sophomore seminar and CS 39100 junior seminar are optional but recommended. Superscript of CC (eg CS 18000<sup>CC</sup>) indicates a Critical Course

\*\*\*All CS core courses and all track requirements, regardless of department, must be completed with a grade of "C" or higher (effective Fall 2011). All prerequisites to CS core courses and track requirements, regardless of department, must be completed with a grade of C or higher (effective Fall 2015).

NOTE: Nearly all PHIL courses satisfy the College of Science's General Education Requirement. The *exceptions* to this are: PHIL 150, PHIL 330, PHIL 331, and PHIL 350. The only PHIL course that has prerequisites is PHIL 425.

NOTE: To add philosophy as a second major, students must meet the College of Liberal Arts' Change of Degree Objective (CODO) requirements. More information about these requirements can be found here: <https://cla.purdue.edu/students/academics/requirements/codo/index.html>