SAINT LOUIS UNIVERSITY MADRID

Name:	
SID:	
Degree: B.S.	
Major(s): Data Science	
Minor(s):	
Earned Hours:	**Cumulative GPA:**

Data Science Major- 62 credits

Course	Gr.	Cr.
Major Requirements:		
CSCI 1070 Intro to Comp. Science: Taming Big Data		3
CSCI 1300 Object-Oriented Programming		4
CSCI 2100 Data Structures		4
CSCI 4710 Databases		3
CSCI 4750 Machine Learning		3
Math/Stats Requirements:		
MATH 1510 Calculus I		4
MATH 1520 Calculus II		4
MATH 1660 Discrete Mathematics		3
MATH 2530 Calculus III		4
MATH 3110 Linear Algebra for Engineers **or** MATH 3120 Intro to Linear Algebra		3
STAT 3850 Foundations of Statistics		3
STAT 4870 Applied Regression		3
STAT 4880 Bayesian Stats and Statistical Computing		3
Data Science integration Requirements:		
DATA 1800 Data Science Practicum I		1
DATA 2800 Data Science Practicum II		1
DATA 4961 Capstone Project I		2
DATA 4962 Capstone Project II		2
Major Electives (12 credits):		
Select four courses—must include at least two CSCI courses and at least one STAT course.		
CSCI		
CSCI		
STAT		

Minor:

Course	Grade

Additional Program/Electives

Course	Grade

Continuation Standards:

Students must have a minimum of a 2.00 cumulative GPA in data science major courses by the conclusion of their sophomore year, must maintain a minimum of 2.00 cumulative GPA in these courses at the conclusion of each semester thereafter, and must be registered in at least one data science course counting toward their major in each academic year (until all requirements are completed).

To be certified for graduation, a student is required to...
1. Complete no less than 120 credits, including the DS major;
2. Have at least a 2.0 cumulative GPA, a 2.0 DS GPA, and a 2.0 GPA in the minor or 2nd major;
3. Complete 30 of the final 36 cr. at SLU;
4. Submit the on-line application for graduation at the beginning of the last semester of study.

Note: This worksheet is an advising tool, not an official document to certify academic record.

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*University Undergraduate Core**

Course	Grade	Cr.
First Year		
CORE 1000 Ignite Seminar		3
CORE 1500 Cura Personalis 1: Self in Community		1
ENGL 1900 Eloquentia Perfecta: Written & Visual Comm.		3
First Two Years		
Eloquentia Perfecta: Oral & Visual Comm. CMM 1200, LLC 1255, SPAN 3020		3
Ultimate Questions: Theology THEO 1600, HCE 1600		3
Ultimate Questions: Philosophy PHIL 1700		3
Ways of Thinking: Quantitative Reasoning **CSCI 1070, MATH** 1220/1270/1300/1320/1400/**1510/1520/2530**/2660, STAT 1100/1300		3
CORE 2500 Cura Personalis 2: Self in Contemplation THEO 2110/2210/2430/2515 **Or** Approved Experiences: https://www.slu.edu/core/core-classes/cura-personalis-2.php		0-3
Junior/Senior Years		
CORE 3500 Cura Personalis 3: Self in the World (Or ARTH 2000/BIZ 3000 for ARTH and Business majors)		1
CORE 4000: Collaborative Inquiry **Any course with the UUC Collab. Inq. attribute**		3
Anytime		
Eloquentia Perfecta: Creative Expression **One course with the UUC Creative Expression attribute.** Examples: ART 2000/2100/2200/2450, DANC 2650/2660/2670, THR 2510 CMM 1500/2510/2550, ENGL 30x0/3100		3
Eloquentia Perfecta: Writing Intensive **One course with the UUC Writing Intensive attribute.** Examples: CMM 2100, ENGL 3220/3240/3470/4000/4010, SPAN 3030, THEO 3375		3
Ways of Thinking: Social and Behavioral Sciences **One course with the UUC SBC attribute.** ANTH 1210/2200, CMM 1000/2400/3000/3300/4460, ECON 1900, ENGL 4110 POLS 1100/1150/1600/2640, PSY 1010/3100/3120/3210/3300/3460, SPAN 4020/4030		3
Ways of Thinking: Aesthetics, History & Culture **One course with the UUC AHC attribute.** Examples: ARTH 10x0/3880, CMM 3460/3840, ENGL 2x50/3140/3220/3240/3260/3470, HIST 1110/1120/1600/1610/3720, MUSC 1170, THR 1500, VPA 1000, SPAN 3010/4200/4260/4760/4790, THEO 2110/2210/3375		3
Ways of Thinking: Natural and Applied Sciences **One course with the UUC NAS attribute** Examples: ANTH 2210, BIOL 1240/1340/1460, CHEM 1080/1110, DIET 2080 EAS 1030/1420/1430/1450/2700		3
Equity and Global Identities (Required Attributes)		
Identities in Context		
One course with the UUC IIC attribute Examples: ANTH 1210, CMM 3300, ENGL 2550, HCE 1600, HIST 1600/1610/3720, IPE 2100, PHIL 4810, POLS 2590/3770X, SPAN 4020/4790, THEO 2710, VPA 1000		
Global Interdependence		
One course with the UUC GI attribute Examples: ANTH 2200, ARTH 1010/ARTH 1090, CMM 4460, ENGL 3330/3500 HIST 1120/3420/3720, IB 2000/3700, IPE 2100, POLS 1600/2560/2590, THEO 2710		
Dignity, Ethics & Just Society		
One course with the UUC GI attribute Examples: CSCI 3050, ENGL 2250/3240/3500, HIST 3340, PHIL 2050/3050X/3700/4810 POLS 1500/1510/2691/3567/3770, THEO 3115, WGST 1900/3850/4810X		
Reflection in Action		
Internships or Approved Experiences: https://www.slu.edu/core/core-classes/reflection-in-action.php		

*New UUC attributes are approved every academic year. Please check Courses@SLU for newly approved
 UUC course offerings not listed on this checklist

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