

G20 Scheduler

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Main Overview

- LSU's current scheduling system is a hassle to work with
- Have to use multiple sources of information on mylsu just to know what to schedule (degree audit, personal schedule, schedule booklet, schedule request, course flowcharts)
- Provides minimal information on classes themselves
- The G20 Scheduler will condense the scheduling process into a single webapp interface that is both convenient, and efficient for students



Log Out

Semester/Year:

Spring 2024

Departments:

COMPUTER SCIENCE

:: Schedule Request ::

Select a Campus:

Select a Semester:


LSU

Fall 2023

View Schedule Request

Schedule Request

To add a course, enter department, course number, and section number.

To view section availability and current waitlist counts, click the  button to display detailed enrollment information for the requested course.

To check prerequisites, enter department and course number.

Department	Course Nbr	Section Nbr	Credit Hrs	Prerequisites
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<p>Add Course</p>			<p>Check Prerequisites</p>	

COMPUTER SCIENCE

AVL	ENRL	COURSE	SEC	HR	TIME	DAYS	ROOM	BUILDING	SPECIAL	INSTRUCTOR
CNT	ABBR	NUM	NUM	CR	BEGIN-END	MTWTFSS			ENROLLMENT	
50		CSC 1240	1	3.0	1130-1220	M W	1240	PATRICK TAYLOR		BRENER N
			LAB		1130-0120	F	2324	PATRICK TAYLOR		
60		CSC 1253	1	3.0	1030-1150	T TH	1236	PATRICK TAYLOR		LAFLEUR S
60		CSC 1253	2	3.0	130-0250	T TH	1236	PATRICK TAYLOR		WALKER C
60		CSC 1254	1	3.0	130-0250	T TH	1240	PATRICK TAYLOR		DUNCAN W
90		CSC 1350	1	4.0	1030-1120	M W F	1221	PATRICK TAYLOR		DUNCAN W
			LAB		430-0720N	W				
90		CSC 1350	2	4.0	1030-1150	T TH	1263	PATRICK TAYLOR		DONZE D
			LAB		430-0720N	T				
90		CSC 1351	2	4.0	930-1020	M W F	1221	PATRICK TAYLOR		MAHMOUD A
			LAB		130-0420	F				
90		CSC 1351	3	4.0	230-0320	M W F	1263	PATRICK TAYLOR		BRENER N
			LAB		430-0720N	M				
90		CSC 1351	1	4.0	1030-1150	T TH	1221	PATRICK TAYLOR		NEUPANE A
			LAB		430-0720N	TH				
100		CSC 2259	1	3.0	130-0250	T TH	1263	PATRICK TAYLOR		NEUPANE A
70		CSC 2262	2	3.0	900-1020	T TH	1253	PATRICK TAYLOR		LAFLEUR S
120		CSC 2262	1	3.0	130-0250	T TH	1200	PATRICK TAYLOR		BRENER N
70		CSC 2362	1	3.0	300-0420	T TH	1221	PATRICK TAYLOR		BAGGLI I
80		CSC 2463	1	3.0	130-0250	T TH	1253	PATRICK TAYLOR		WEBB A
50		CSC 2610	1	3.0	900-1020	T TH	0203	TUREAUD HALL	CI-WRITTEN&VISU	WANG Q

**

SECTION INVOLVES COMMUNICATION-INTENSIVE LEARNING

Problems with the Schedule Booklet

Server is down

Filtering by course category looks even worse than by department

Brings you to a 404 page

Course Offerings

[Independent & Distance Learning](#) | [Schedule Booklet](#) | [Service-Learning Courses](#) | [Communication-Intensive Courses](#) | [Open and Affordable Educational Resources](#)

By Department

These listings are updated once a day. Changes to course availability made during the day will not be reflected until the next day.

By Course Category

Semester/Year:

Fall 2023

Departments:

COMPUTER SCIENCE

(F)	60	CSC	1253	1	COMP SCI WITH C++	3.0	1200-0120	T TH	1236	PATRICK TAYLOR	WALKER C
3	57	CSC	1253	2	COMP SCI WITH C++	3.0	130-0250	T TH	1236	PATRICK TAYLOR	LAFLEUR C
7	41	CSC	1254	1	COMP SCI 11 WITH C++	3.0	1200-0120	T TH	1245	PATRICK TAYLOR	DUNCAN W
(F)	110	CSC	1350	2	COMP SCI I-MJRS	4.0	930-1020	M W F	1620	BUS ED N WING	DONZE D
							500-0750N	M			DONZE D
1	129	CSC	1350	1	COMP SCI I-MJRS	4.0	1030-1120	M W F	1200	PATRICK TAYLOR	DONZE D
							430-0720N	TH			DONZE D
12	98	CSC	1350	3	COMP SCI I-MJRS	4.0	130-0250	T TH	1263	PATRICK TAYLOR	BRENER N
							130-0420	F			BRENER N
(F)	91	CSC	1351	1	COMP SCI II-MJRS	4.0	1030-1150	T TH	1202	PATRICK TAYLOR	PACE L
							500-0750N	T			PACE L
12	28	CSC	1351	2	COMP SCI II-MJRS	4.0	1030-1150	T TH	0214	WILLIAMS	NEUPANE A
							500-0750N	W			NEUPANE A
32	88	CSC	2259	2	DISCRETE STRUCTURES	3.0	330-0450	M W	0005	LOCKETT	NEUPANE A
14	131	CSC	2259	1	DISCRETE STRUCTURES	3.0	1200-0120	T TH	1100	PATRICK TAYLOR	SHAH R
26	73	CSC	2262	1	NUMERICAL METHODS	3.0	900-1020	T TH	0204	TUREAUD HALL	BRENER N
(F)	70	CSC	2362	1	INTRO TO CYBERSECUR	3.0	1200-0120	T TH	1225	PATRICK TAYLOR	BOU-HARB E

Can only filter by department and semester, no special criteria

Features & Technology Used

Core Features

- Sort and filter through available classes based on multiple criteria and preferences
- A simple web interface
- A visual schedule that updates with selected classes

Viable Features

- Note if classes have special requirements like a group project or lab

Stretch Features

- Provide syllabi for applicable classes pulled from <https://syllabus.apps.lsu.edu/syllabus/>
- Class recommendations based on course flowchart

Tech Used

- C++ for the backend with associated data structures
- HTML, Javascript, and CSS for the webpage and user interactivity



Integrations

Course Offerings

[Independent & Distance Learning](#) | [Schedule Booklet](#)

These listings are updated once a day. Changes to course offerings are indicated by color.

By Course Category

Semester/Year:

Spring 2024

COMPUTER SCIENCE						
AVL	ENRL CNT	COURSE ABBR	NUM	TYPE	SEC NUM	COURSE TITLE
50		CSC	1240	LAB	1	STATS & GRAPH MATL
60		CSC	1253		1	COMP SCI WITH C++
60		CSC	1253		2	COMP SCI WITH C++
60		CSC	1254		1	COMP SCI II WITH C
90		CSC	1350	LAB	1	COMP SCI I-MJRS
90		CSC	1350		2	COMP SCI I-MJRS
90		CSC	1351		2	COMP SCI II-MJRS
90		CSC	1351		3	COMP SCI II-MJRS
90		CSC	1351	LAB		

Degree Audit Summary Information

College:

College of Engineering

Degree

Computer Science - SOFTWARE

Program:

ENGINEERING

Minor(s) :

Total Degree Hours

Required: 120.00 Cum Hrs

30.00 LSU Hrs

Total Credits Applied to Major Degree Program

	Carr	Earn	Qpts
LSU Totals:			
Cum Totals:			

Degree Audit Report

[View All Requirements](#) | [View Requirements In Progress](#) | [View Completed Requirements](#)

= Requirement Completed
 = Requirement In progress

[Expand All Requirements](#) | [Collapse All Requirements](#)

Major: Computer Science

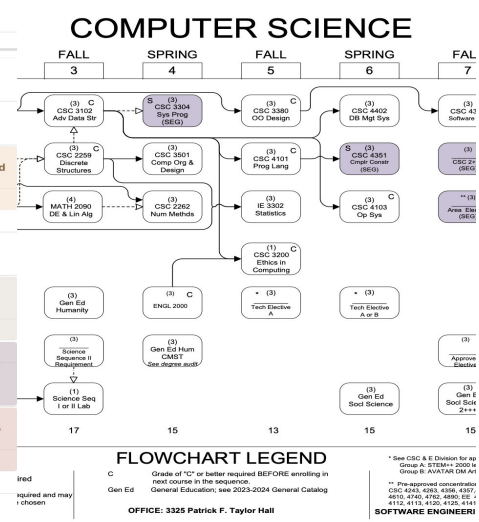
*UNIVERSITY RESIDENCY REQUIREMENT

+ 01 30 HRS REQUIRED ON LSU-BATON ROUGE

UNIVERSITY GPA REQUIREMENT

MAJOR FIELD AVERAGE REQUIREMENT

Mon 8	Tue 9	Wed 10	Thu 11
	9 AM CSC2610 - Cloud & Web Prog		9 AM CSC2610 - Cloud & Web Prog
11:30 AM ECON 2010 - Pri...	12 PM CSC3102 - Adv Data Str	11:30 AM ECON 2010 - Pri...	12 PM CSC3102 - Adv Data Str
	1:30 PM CSC2362 - Num Meth		1:30 PM CSC2362 - Num Meth
	3 PM CSC2362 - Intro to Cyber		3 PM CSC2362 - Intro to Cyber



Course Offerings

+

Degree Audit

+

Calendar

+

Flowchart

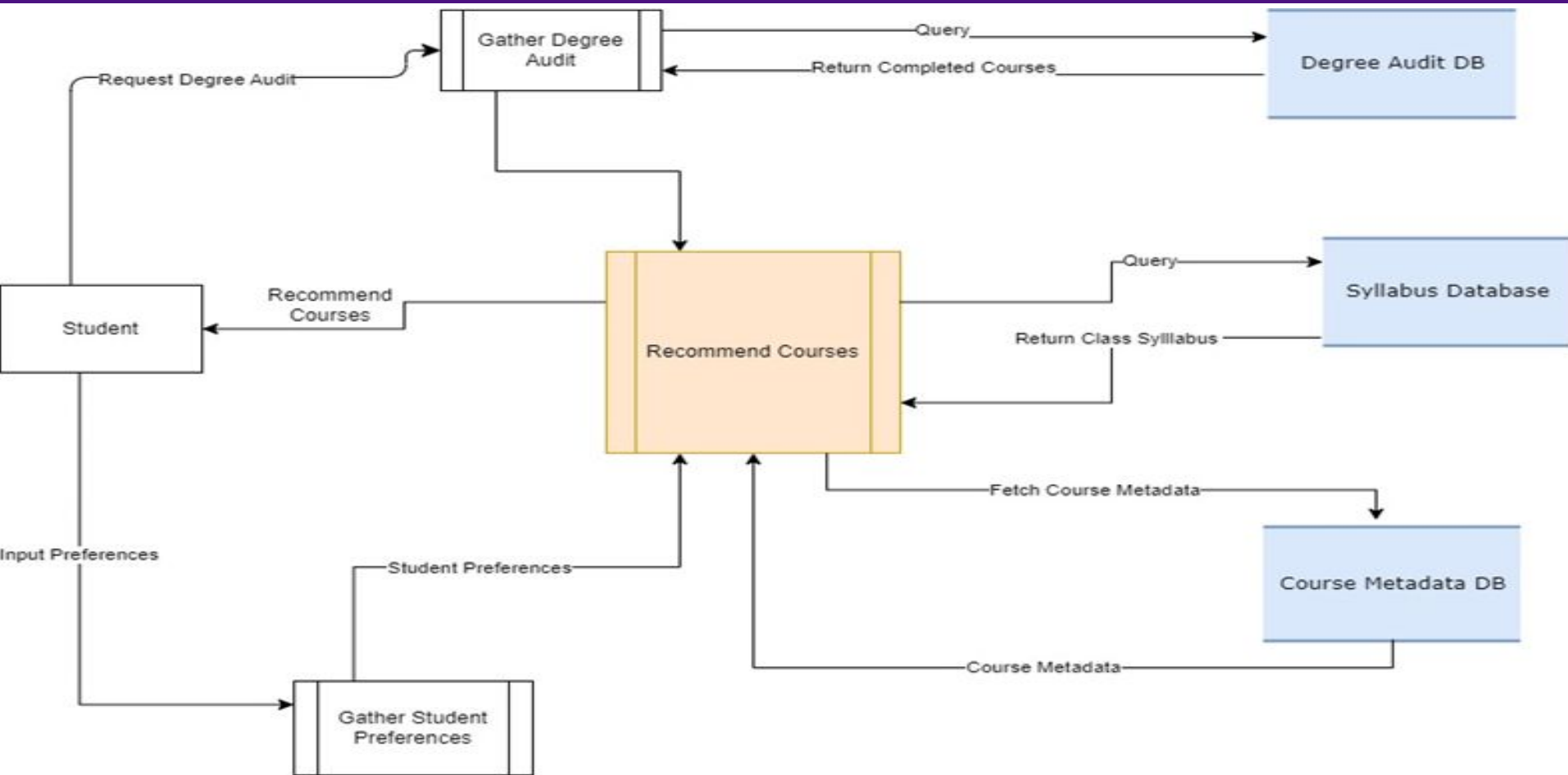


SCHEDULING TOOL

SEMESTER	DEGREE
▼	▼
DEPARTMENT	PREFERENCES
▼	<input type="checkbox"/> MORNING
	<input type="checkbox"/> EVENING
	<input type="checkbox"/> NIGHT
	<input type="checkbox"/> ONLINE
COURSE	<input type="checkbox"/> HYBRID
▼	

[illegible]

How will it work?



What it will do in practice

