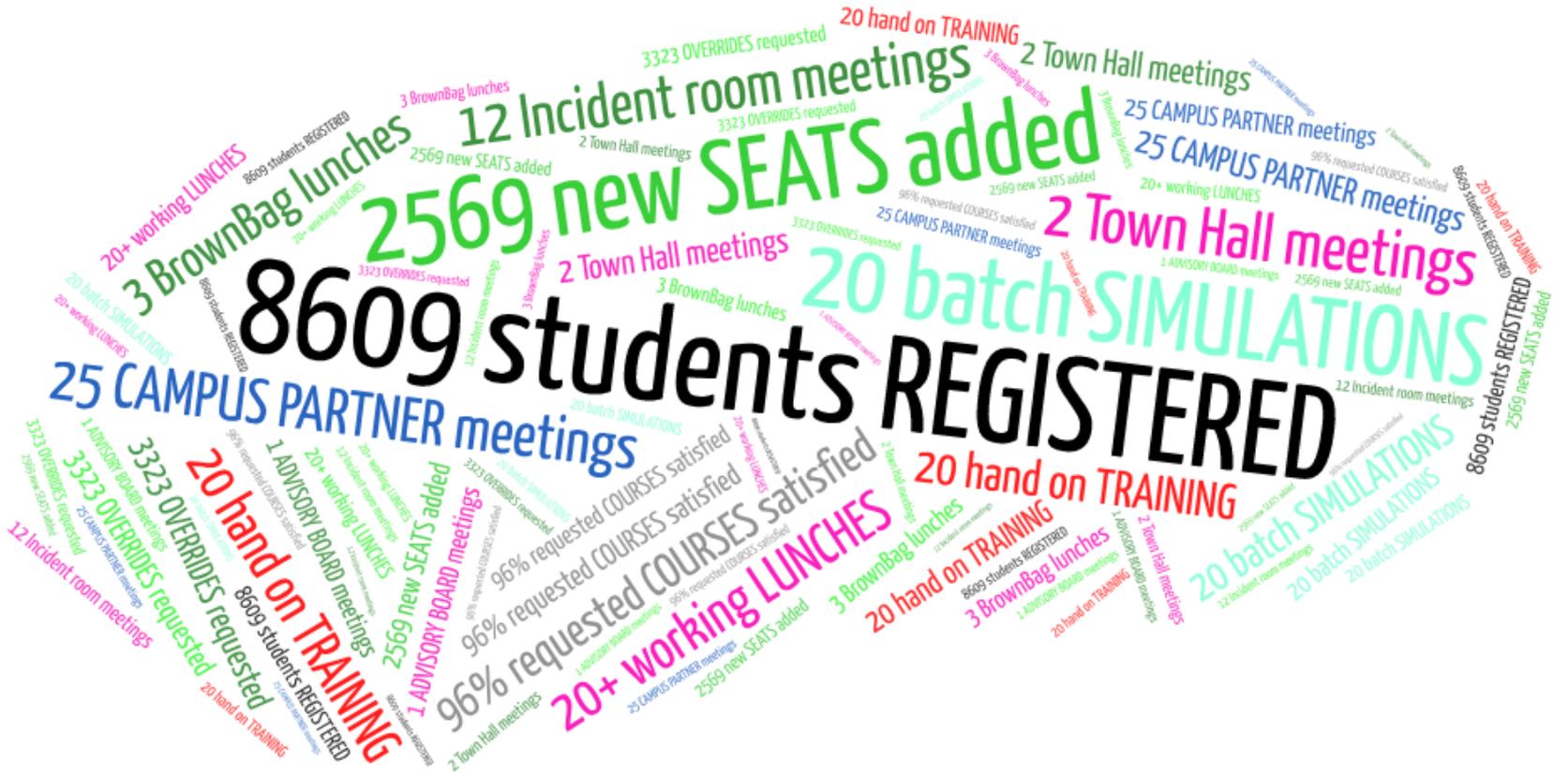




PRE-REGISTRATION

Lesa Beals & Josie Galloway



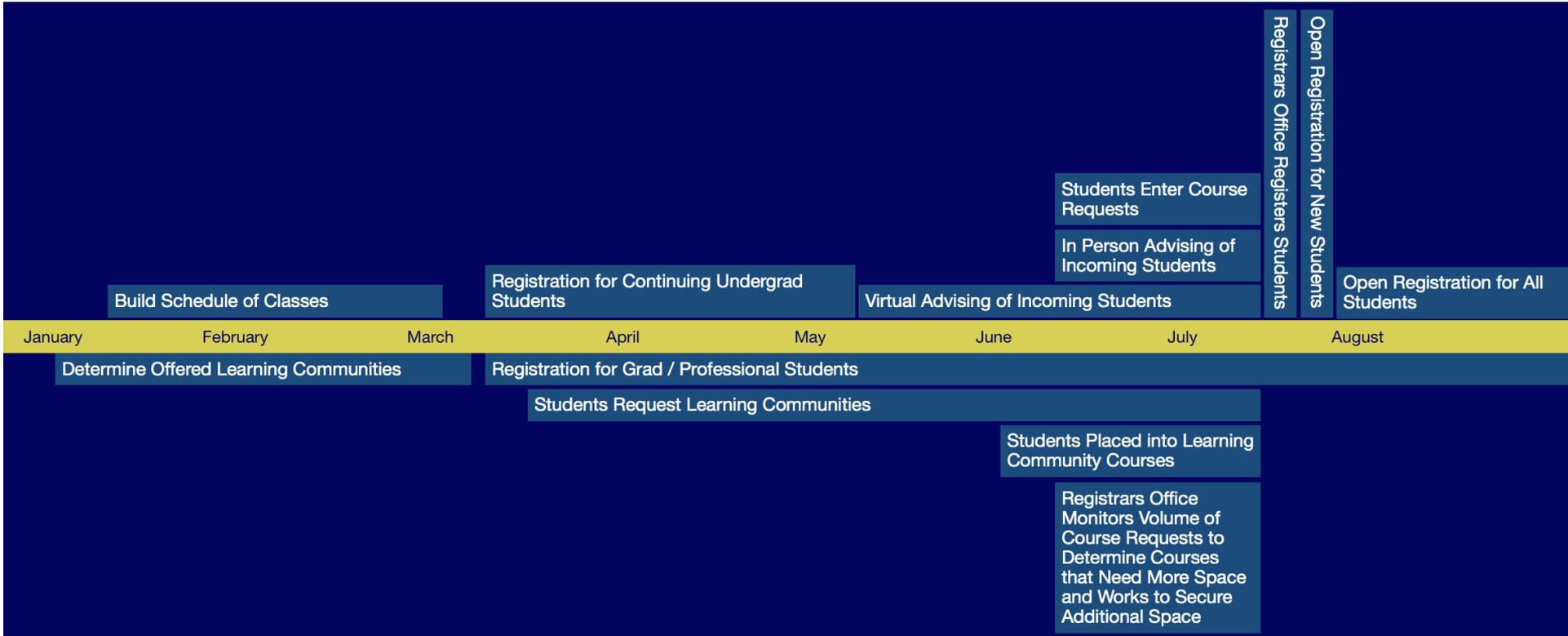
**Largest incoming class in
Purdue history was
scheduled:**

8,609

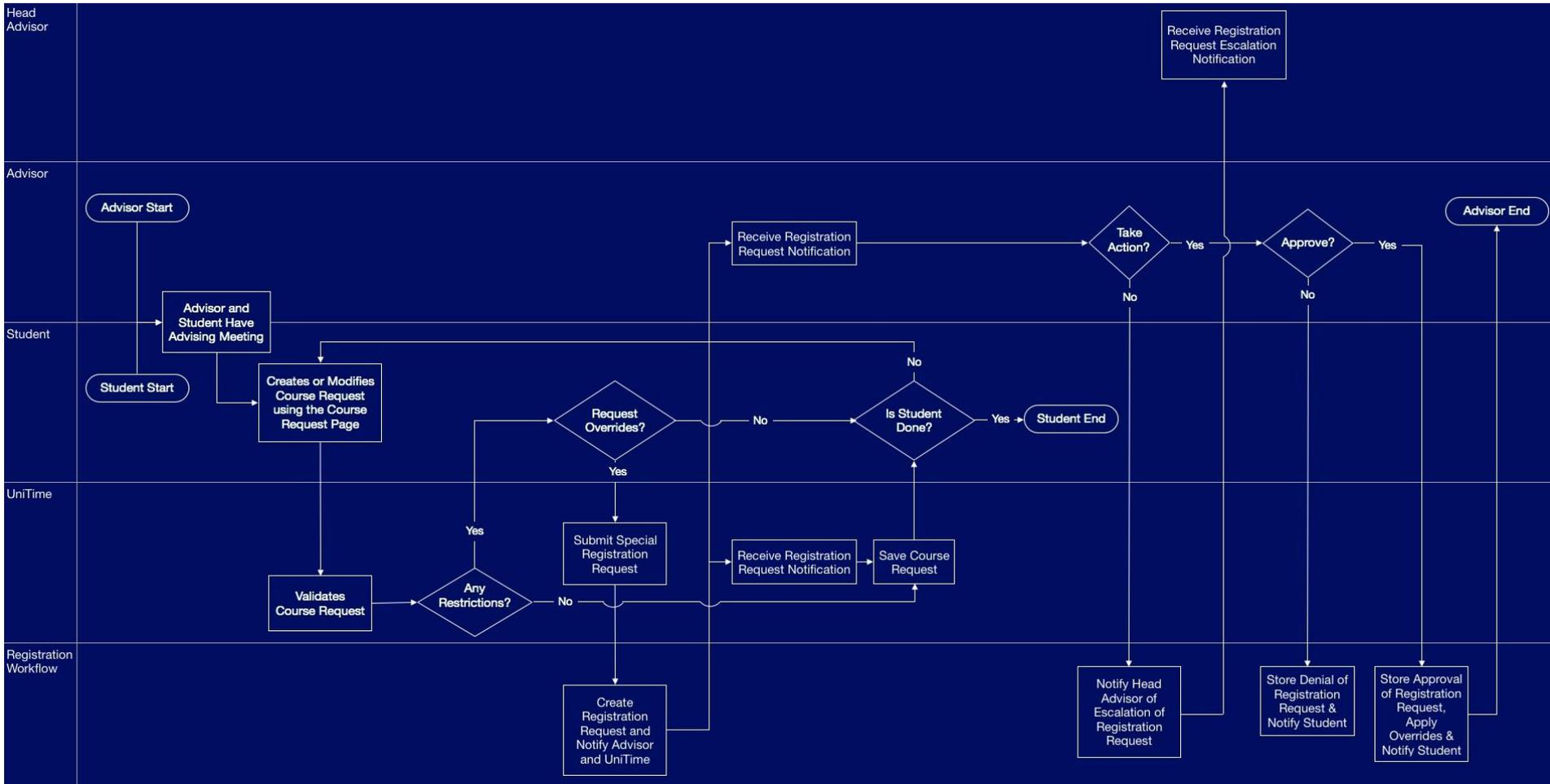
Pre-Registration Partners

- Enrollment Management
 - Registrar, Financial Aid, and Admission
- Bursar
- Provost
- Student Success
 - Purdue Promise
 - Orientation Programs
 - Parent & Family Connections
- PLaCE
- ROTC
- BOP
- Purdue Testing Center
- International Students & Scholars
- Learning Communities
- Think Summer
- Student Systems Competency Center
- Residential Life
- Academic Departments
 - UEAC
 - Undergraduate Advising
 - Advisor Advisory Board
 - Schedule Deputies
- Residential Life
- Disability Resource Center
- Athletics
- Band
- PMO
- Students

Timeline of Pre-Registration Process



Student/Advisor Pre-Registration Process Flow



Advisor/Student Meetings

Advisors

- Advisors
 - Met With Students
 - Discussed Students Goals
 - Review SIF



Completing Course Requests

Student Course Requests

Student's Name: PUID:

Advisor/Email: PIN #:

Course Requests Term:

Course Requests

- Priority
 - Alternative
 - Alternative
- Priority
- Priority
- Priority

Alternate Course Requests *(used only if a course requested above is not available)*

- Priority
- Priority

Student's Signature _____ Date _____

Notes

Student Course Requests ?

User: Student, Sally S [Click here to log out.](#) Session: Fall 2018 (PWL) [Click here to change the session.](#)

Course Requests

- Priority
 - Alternative
- Priority
- Priority

Tip: Use Ctrl+1 (or Ctrl+Alt+1) to navigate to the first course, Ctrl+2 to the second, Ctrl+A to the first alternative, Ctrl+B to the second alternative, etc.

Alternate Course Requests

(used only if a course requested above is not available)

- Alternate
- Alternate
- Alternate

Total Credit: 15 - 19



Registration Override Workflow

- Students
 - Entered Course Requests
 - Requested Overrides When Needed



Registration Override Workflow

Student, Sally PUID: 030873936 TERM: Fall 2018 Campus: West Lafayette Main Campus
Major: CS Classification: Freshman: 0 - 14 hours Minor: Primary Advisor: [Schlutenhofer, Stephanie](#)

SpecReg ID: 10465 / Order ID: 10570
In PROGRESS CS 18000BLK Submitted: 9/6/18 3:50 PM Escalation: 9/7/18 4:00 PM [Credit-Hour-Detail](#)

• Corequisite CS 19300 required

Approve Deny Defer Delegate Request Input No Action

comments max(2000 chars)

Select Approval Reason...

Comment History
No Comment entered

SpecReg ID: 10464 / Order ID: 10569
In PROGRESS Submitted: 9/6/18 3:50 PM Escalation: 9/7/18 4:00 PM [Credit-Hour-Detail](#)

• Maximum hours exceeded. Currently allowed 18 but needs 19

Approve Deny Defer Delegate Request Input No Action

19

comments max(2000 chars)

Select Approval Reason...

Comment History
No Comment entered

[View Cancellations](#) [Save Student](#)

- Advisors
 - Provide Overrides

Registration Override Workflow

Student Feedback

Enrollments
Students

<input checked="" type="checkbox"/> External Id	Student	Area	Clasf	Major Group	Status	Not-Enrolled	Pending Overrides	Request Requested	Note
<input type="checkbox"/> 30873936	Student, Sally S S	01	CS	STAR	Enabled	7	2	15 - 19	09/06/2018
STAR-06/29									

Classes for Student, Sally S

Course Requests
List of Classes
Time Grid

Priority	Course	Title	Credit	Warnings	Status	Requested
1. Priority	CS 18000GLD	Prob Solving & O-O Programming	4		✔ Submitted	09/06/2018
	CS 18000BLK	Prob Solving & O-O Programming	4	Corequisite CS 19300 required	⌚ Pending	
2. Priority	CS 19100	Freshm Resources Semnr	1	No alternative course provided.	✔ Submitted	09/06/2018
3. Priority	CS 19300	Tools	1	No alternative course provided.	✔ Submitted	09/06/2018
4. Priority	MA 16100	PI Anly Geo Calc I	5		✔ Submitted	09/06/2018
	MA 16500	Anlytc Geomtry&Calc I	4		✔ Submitted	
5. Priority	GER 10100	German Level I	3		✔ Submitted	09/06/2018
	ITAL 10100	Italian Level I	3		✔ Submitted	
6. Priority	PSY 12000	Elementary Psychology	3		✔ Submitted	09/06/2018
	SOC 10000	Intro Sociology	3		✔ Submitted	
1. Alternative	HIST 15200	U S Since 1877	3		✔ Submitted	09/06/2018
Requested Credit			15 - 19	Maximum of 18 credit hours exc...	⌚ Pending	

Requested Credit: 15 - 19
Course Requests
Scheduling Assistant
Change Log
Close

Real Time Course Demand Data



Online Student Scheduling Dashboard ?

Schluttenhofer, Stephanie A
Administrator

Fall 2018 (PWL)
[Click here to change the session / role.](#)

Filter:

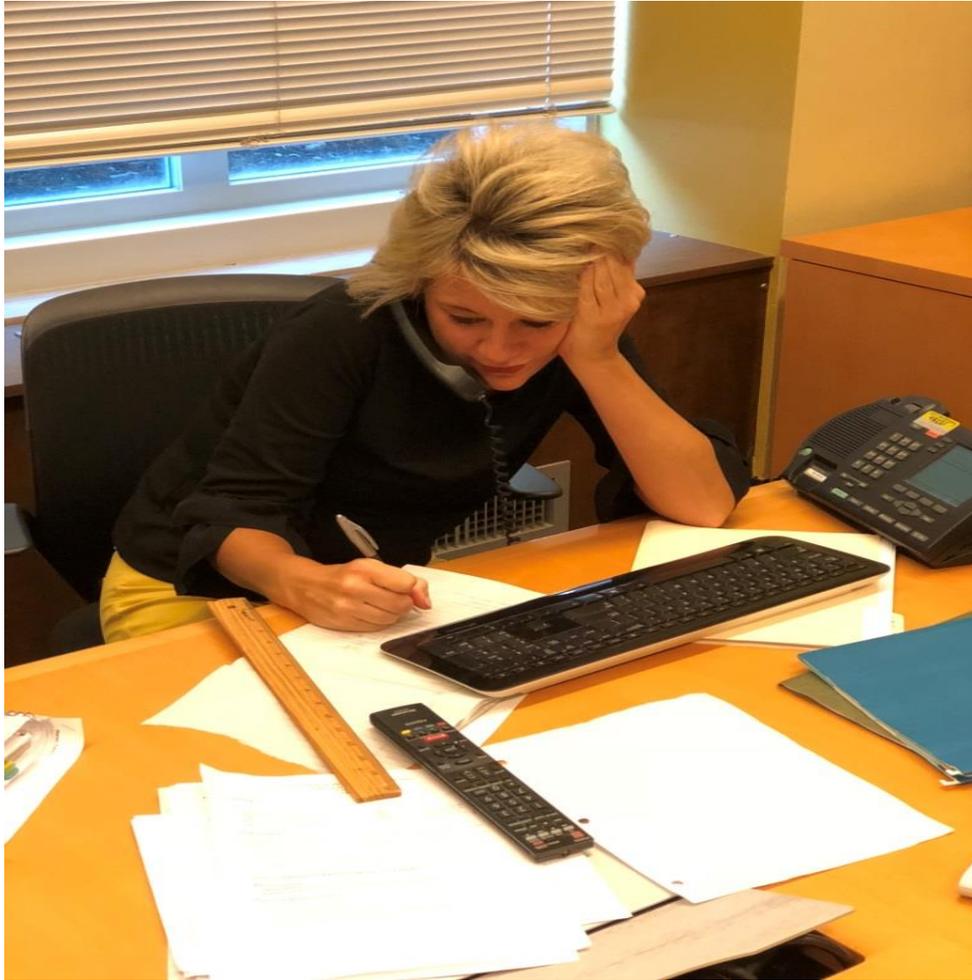
Enrollments

Students

Change Log

Subject Type	Course CRN-SectionId	Title	Date	Consent Room	Available Projection	Enrollment ↑	Not-Enrolled	Alternative	Reservation	Need Consent	Need Override	
+	ENGL 10600	First-Year Composition			0 / 1000	1364	858 / 1000	218 / 255	67 / 72	0 / 1	-	-
+	COM 11400	Fundament Of Speech			18 / 1475	1790	1146 / 1457	104 / 121	146 / 149	2	-	-
+	ME 29700C	How Stuff Works			2 / 75	59	73	70 / 73	4	-	-	-
+	BIOL 13500	First Year Biology Lab			3 / 144	118	124 / 141	62	5	-	-	3
+	HONR 19900W	The Presidential Seminar			1 / 30	-	23 / 29	33 / 34	2	0 / 5	-	2
+	AT 10000	Intro Aviation Tech			10 / 200	191	164 / 190	21	-	65	-	1
+	SCLA 10100	Crit Think & Com I			8 / 600	539	540 / 592	19	80	13 / 14	-	-
+	EDPS 31500	Collab Leader: Interpersonal			10 / 375	230	184 / 365	17 / 20	59	-	-	-
+	MA 16010	Applied Calculus I			25 + 4 ^r / 2020	1909	1755 / 1991	17 / 20	1	55 / 56	-	12
+	ENGL 11000	Am Lang&Cultur Intl I			104 / 496	477	382 / 392	15	-	-	-	-
+	ENGL 10800	Accel First-Yr Compos			1 / 280	258	259 / 279	14 / 23	35 / 36	-	-	-
+	PSY 12000	Elementary Psychology			47 / 1954	1803	1206 / 1907	14 / 18	10 / 11	4	-	-

Registrar Response



- Monitored Course Availability
- Ran Optimization Simulations to Further Refine Demand Estimates
- When Possible Secured Additional Space in High Demand Courses
- Educated Academic Partners to interpret data to make well informed decisions

Batch Register

Ran Final Student Course Schedule Optimization



Post Registration

Student Scheduling Assistant for Student, Sally S

List of Classes Time Grid Class Schedule

Monday Tuesday Wednesday Thursday Friday

7am
8am
9am
10am
11am
12pm

MA 16100 Lec
EE 128, P Mummert, 08/20 - 12/07
Supplemental Instruction (SI) study

CS 19100 Lec
HAAS G066, F C Giordano, 08/21 - 12/04

MA 16100 Lec
EE 128, P Mummert, 08/20 - 12/07
Supplemental Instruction (SI) study

MA 16100 Lec
EE 128, P Mummert, 08/20 - 12/07
Supplemental Instruction (SI) study

HIST 15200 Lec
WALC 1132
K T Gullon, 08/21 - 12/06

HIST 15200 Lec
WALC 1132
K T Gullon, 08/21 - 12/06

PSY 12000 Lec

PSY 12000 Lec

Alternatives for HIST 15200 Lec 66755-003

Filter: Search Drop HIST 15200

Subject	Course	Type	CRN-SectionId	Time	Date	Room	Instructor	Requires
1. HIST	15200	Lec	21305-001	TR 10:30a - 11:45a → MWF 10:30a - 11:20a	08/21 - 12/06 → 08/20 - 12/07	WALC 1132 → WTHR 320	S Curtis	
2. MA	16500	Lec	56444-200	MWF 4:30p - 5:20p			S Yeung	
		Rec	15176-298	R 7:30a - 8:20a			V N Kapre	56444-200
HIST	15200	Lec	11459-004	TR 10:30a - 11:45a → T			C L Bynum	
MA	16100	Lec	14599-800	MWF 8:30a - 9:20a			P Mummert	
		Rec	14642-834	TR 4:30p - 5:20p			B M Stryker	14599-800

Include conflicting suggestions

Changes to the selected class HIST 15200 Lec 66755-003 are in blue, classes to be removed from the schedule are in red. Changes to other classes or free times are in black.

- Triage and Analysis
- Reviewed Results
- Reviewed Curricular Requirements
- Made Refinements after consulting with Campus Partners

Post Registration

Students

- Reviewed their schedules
- Revised their schedules

Alternatives for PSY 12000 Lec 15908-042

Filter: Search

Subject	Course	Type	CRN-SectionId	Time	Date	Room	Instructor	Requires	
1. PSY	12000	Lec	15907-041	TR 12:00p - 1:15p	→ MWF 9:30a - 10:20a 08/21 - 12/06 → 08/20 - 12/07	WTHR 200 → CL50 224	G J Hollich		
2. SOC	10000	Lec (Hybrid)	21457-042	MW 1:30p - 2:20p	08/20 - 12/05	BRNG 2280	T V Maher		
		Dist (Hybrid)	21455-040	Arrange Hours	08/20 - 12/08	No Room	T V Maher	21457-042	
	PSY	12000	Lec	15908-042	TR 12:00p - 1:15p	08/21 - 12/06	WTHR 200	E S Ward	
3. PSY	12000	Rec (Hybrid)	10038-028	TR 12:00p - 1:15p	08/21 - 12/06	WTHR 200 → BCHM 105	J E Gulker, T Kubiak		
		Dist (Hybrid)	10062-038	Arrange Hours	08/21 - 12/06	BCHM 105	J E Gulker		
4. PSY	12000	Rec (Hybrid)	10022-026	TR 12:00p - 1:15p	08/21 - 12/06	WTHR 200 → BCHM 105	J Kim, J E Gulker		
		Dist (Hybrid)	10062-038	Arrange Hours	08/21 - 12/06	BCHM 105	J E Gulker		
5. PSY	12000	Rec (Hybrid)	10063-039	TR 12:00p - 1:15p	08/21 - 12/06	WTHR 200 → BCHM 105	P K Murphy, J E Gulker		
		Dist (Hybrid)	10062-038	Arrange Hours	08/21 - 12/06	BCHM 105	J E Gulker		
6. PSY	12000	Rec (Hybrid)	10032-027	TR 12:00p - 1:15p	08/21 - 12/06	WTHR 200 → BCHM 105	J E Gulker, C M Tracey		

Changes to the selected class PSY 12000 Lec 15908-042 are in blue, classes to be removed from the schedule are in red. Changes to other classes or free times are in black.

Version 4.4.44 (Update) Built on 11/16/2010 9:56p 2010 © 2009 - 2010 The Apollo Foundation. This production instance is registered to

Outcomes

- Reduction of time spent creating a schedule during STAR.
- Provided an equal opportunity for students to acquire courses necessary to make progress toward degrees.
- **Assigned course requests: 45,254 of 46,730 — 96.84%**
- **Data Analysis through Multiple Batch Simulations**
- Preregistration made it possible to see real numbers for where additional space was needed, not just anecdotal evidence
 - **Seats added to courses as a direct result — 2,569**
 - **Provide data on courses students wanted but were unable to get**

Outcomes

- Resource Optimization-Supply and Demand
 - Optimized the use of every available seat in high demand courses
 - Eliminate manual process of holding back seats in critical courses on a daily basis
- Enhanced Partnerships
 - 20+ Campus Partner Meetings
 - 20+ Hands-on Training Sessions
 - Multiple working Lunches
 - War Room Ad Hoc Meetings



Partnership



**THANK YOU FOR
HELPING PURDUE MAKE
ANOTHER **GIANT** LEAP**



WE ARE PURDUE. WHAT WE MAKE MOVES THE WORLD FORWARD.

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