



University : Universitas Padjadjaran
 Country : Indonesia
 Web Address : <https://unpad.ac.id/>

Shuttle Services

Transportasi Umum Berbasis Bus di Sekitar Kawasan Pendidikan Jatinangor

Legenda

- Arah perjalanan
- Rute Perjalanan
- Pemberhentian/halte Bus
- Pemberhentian/halte Angkutan Kampus

Keterangan Jalur | KEY TO LINES

Trans Metro Pasundan (Taman Bus)
 D1 Dipatiukur - Jatinangor
 04.30 - 16.00

Bus Kota Damri
 DBA Elang - Jatinangor
 06.00 - 16.00

Bus Kebonkalapa - Tanjung Sari
 DB Kebonkalapa - Tanjung Sari
 06.00 - 16.00

Tarif | FARE

D1 Rp4.900 (Mulai 31 Oktober 2022)
 DBA Rp13.000 DB Rp14.000

Informasi Lain | FURTHER INFORMATION

Angkutan Resmi Kota Pasundan
 Pasundan Transport Bus
 021-2531-2532

Trans Metro Pasundan
 021-2531-2532

Bus Kota Damri
 021-2531-2532

112 EMERGENCY CALL NUMBER

Peta Rute Angkutan Kampus Universitas Padjadjaran

Rute IPA
 Rute IPS

Rektorat, Farmasi, Bale Wilasa V2, FPM, FTIP, Faperta, Biologi, Dekanat FMIPA, FK, UNM Barat, UNM Timur, Bale Santika, FEB, Pasca FIKOM, SC FIKOM, FIB, Bale Padjadjaran/ PEDCA, Banderan Tacin, GOR Jati, FKS, IPDN A, IPDN B, JATOS, Pangkalan DAMRI, Institut Teknologi Bandung (ITB), Institut Pemerintahan Dalam Negeri (IPDN), Institut Koperasi Indonesia (IKOPIN), Universitas Padjadjaran (UNPAD), Menuju Tanjungsari.

QR Code: <https://bit.ly/1f3acaku>
 Unduh peta transportasi di Bandung Raya

Public Transportation routes at Jatinangor and Universitas Padjadjaran

#FasilitasUnpad

TRANSPORTASI GRATIS

Di kampus Jatinangor, Unpad menyediakan 20 unit mobil angkutan yang dapat dimanfaatkan oleh mahasiswa, dosen, tenaga kependidikan maupun tamu secara gratis. Angkutan gratis di dalam kampus ini bertujuan untuk membantu mahasiswa dan staf menuju fakultas atau tujuan lainnya di wilayah kampus Jatinangor, mengingat luasnya kampus dan jarak antara fakultas satu dengan yang lainnya relatif berjauhan.

Jasa angkutan gratis dalam kampus tersedia mulai pukul 07.00-16.00 WIB dan sejumlah 6 unit khusus untuk Layanan pukul 16.00-18.00 WIB setiap harinya. Angkutan gratis tersebut mengitari kampus dalam 2 jalur yakni jalur IPA dan jalur IPS.

Keberadaan angkutan kampus bisa dicek secara online dengan mengakses <http://bit.ly/1f3acaku>

Di pintu masuk Unpad kampus Jatinangor, tersedia fasilitas Angkutan Kampus Gratis yang siap mengantarkan peserta UTBK ke lokasi ujian.

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Universitas Padjadjaran Shuttle Services (free of charge)



Universitas Padjadjaran Campus Shuttle



Damri Bus (Transportation for employees)



Campus Shuttle Queue



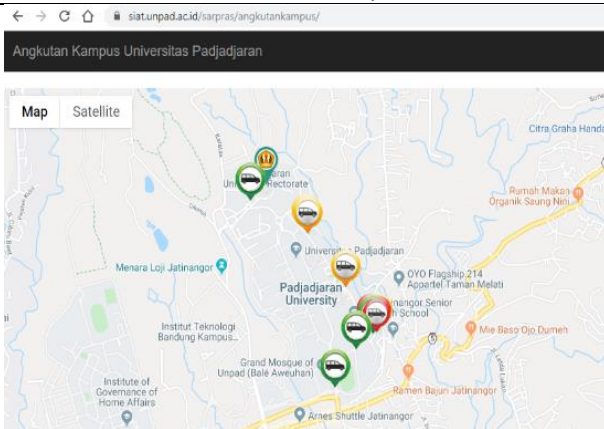
Damri Bus Shelter. Route : Bandung (Dipatiukur) – Jatinangor dan Bandung (Elang) – Jatinangor



QR Code to track campus shuttle



Track campus shuttle via cellphone



Shuttle service-gps live location is available and free



Campus transportation facility website

Description:

Unpad has 15 campus shuttle units. During daily use, Unpad does not provide all transportation units, but only 11 units are operated to facilitate students, lecturers, education staff and guests getting around campus for free. This free transportation on campus aims to help students and employees get to faculties or other destinations around the Jatininggor campus area, considering the size of the campus and the long distance between faculties. The campus shuttle has 2 routes, the first is the Faculty of Natural Sciences (IPA) route and the second is the Faculty of Social Sciences (IPS) route which is free and available from 07.00 to 16.00 to tour the campus every day.

Table of Ritase Shuttle Campus with the lowest average passengers in 2023 (July)

Ritase Kendaraan Angkutan Kampus Bulan Juli 2023																																					
No	NOPOL	Rute/ Jalur	TANGGAL																													Jumlah ritase/ bulan	Rata-rata/ bulan	Konsumsi BBM/ liter	Jarak tempuh/ km		
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29					30	31
1	D 7007 DU	IPA	0	0	18	21	20	23	22	0	0	21	21	20	25	14	0	0	21	21	11	11	20	0	0	12	26	22	24	12	0	0	16	401	12,94	190,48	1.403,50
2	D 7008 DU	IPA	0	0	17	22	21	25	24	0	0	22	25	19	21	16	0	0	24	0	0	0	0	0	0	26	29	31	13	29	0	0	20	384	12,39	182,40	1.344,00
3	D 7009 DU	IPS	0	0	9	12	21	21	21	0	0	22	23	10	13	10	0	0	24	22	25	24	20	0	0	25	18	24	30	26	0	0	12	412	13,29	166,86	1.133,00
4	D 7010 DU	IPA	0	0	19	20	21	24	22	0	0	8	21	21	21	23	0	0	22	22	15	15	14	0	0	12	16	20	25	12	0	0	14	387	12,48	183,83	1.354,50
5	D 7011 DU	IPS	0	0	17	20	23	17	8	0	0	9	19	21	8	22	0	0	10	22	10	22	11	0	0	22	23	13	25	0	0	0	16	338	10,90	136,89	929,50
6	D 7012 DU	IPS	0	0	0	10	11	11	12	0	0	19	10	20	13	8	0	0	9	15	21	21	8	0	0	24	27	21	11	11	0	0	6	288	9,29	116,64	792,00
7	D 7013 DU	IPS	0	0	16	11	13	18	8	0	0	11	21	19	25	20	0	0	23	11	19	15	19	0	0	21	23	26	28	25	0	0	15	387	12,48	156,74	1.064,25
8	D 7014 DU	IPA	0	0	16	23	19	11	27	0	0	8	23	19	19	14	0	0	26	23	13	19	26	0	0	27	14	21	27	29	0	0	21	425	13,71	201,88	1.487,50
9	D 7404 AA	IPA	0	0	17	22	22	25	21	0	0	21	23	21	20	23	0	0	23	19	24	24	21	0	0	12	14	23	26	28	0	0	17	446	14,39	211,85	1.561,00
10	Z 7347 AA	IPA	0	0	17	18	19	19	20	0	0	20	19	9	18	18	0	0	22	19	21	23	20	0	0	0	12	11	23	22	0	0	17	367	11,84	174,33	1.284,50
11	Z 7363 AA	IPS	0	0	19	20	22	19	24	0	0	22	21	19	20	18	0	0	23	22	26	22	23	0	0	10	10	10	10	12	0	0	15	387	12,48	156,74	1.064,25
			Rata-rata																													383,82	12,38	170,78	1.219,82		



Table of Ritase Shuttle Campus with the highest average passengers in 2023 (August)

No	NOPOL	Rute/ Jalur	TANGGAL																															Jumlah ritase/ bulan	Rata-rata /bulan	Konsumsi BBM/liter	Jarak tempuh/ km
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
1	D 7007 DU	IPA	25	0	25	26	0	0	23	26	23	26	26	0	0	28	26	0	29	24	0	0	28	11	12	22	25	0	0	36	15	11	482	15,55	228,95	1.687,00	
2	D 7008 DU	IPA	27	28	27	18	0	0	28	27	24	29	25	0	0	33	14	0	36	29	0	0	13	19	16	25	24	0	0	44	33	25	579	18,68	275,03	2.026,50	
3	D 7009 DU	IPS	26	23	24	21	0	0	25	29	25	35	29	0	0	32	28	0	33	29	0	0	22	18	15	22	20	0	0	35	24	26	575	18,55	232,88	1.581,25	
4	D 7010 DU	IPA	25	25	25	15	0	0	23	23	23	28	22	0	0	28	28	0	14	28	0	0	21	13	14	24	23	0	0	33	35	21	521	16,81	247,48	1.823,50	
5	D 7011 DU	IPS	24	23	0	11	0	0	10	12	17	33	16	0	0	16	28	0	16	27	0	0	0	15	15	11	11	0	0	18	42	12	392	12,65	158,76	1.078,00	
6	D 7012 DU	IPS	11	23	13	0	0	0	24	12	25	33	13	0	0	19	26	0	17	25	0	0	23	14	12	20	20	0	0	17	0	31	398	12,84	161,19	1.094,50	
7	D 7013 DU	IPS	21	22	24	9	0	0	22	28	23	17	23	0	0	32	16	0	30	27	0	0	24	17	14	19	19	0	0	31	19	10	478	15,42	193,59	1.314,50	
8	D 7014 DU	IPA	13	25	13	14	0	0	25	21	22	27	21	0	0	32	5	0	29	24	0	0	13	18	15	24	25	0	0	20	32	34	464	14,97	220,40	1.624,00	
9	D 7404 AA	IPA	26	24	26	9	0	0	25	24	20	23	23	0	0	28	24	0	31	24	0	0	13	11	13	24	24	0	0	13	14	15	456	14,71	216,60	1.596,00	
10	Z 7347 AA	IPA	23	23	26	12	0	0	6	17	22	26	24	0	0	28	22	0	30	25	0	0	11	12	11	20	20	0	0	36	33	28	476	15,35	226,10	1.666,00	
11	Z 7363 AA	IPS	26	25	24	21	0	0	27	29	25	21	25	0	0	36	26	0	31	27	0	0	12	12	13	22	23	0	0	11	19	35	515	16,61	208,58	1.416,25	
														Rata-rata														485,09	15,65	215,41	1.537,05						

This campus shuttle is the best transportation asset currently owned by Unpad. Campus vehicles are regularly maintained and rejuvenated. Several campus shuttle units that have been operating for more than 5 years are regularly replaced with newer and environmentally friendly units. From 2010 to 2014, campus shuttle units were still procured using Euro 2 diesel vehicles. Starting in 2017, campus shuttle units were procured using Euro 4 diesel vehicles.



Isuzu NKR 55 CO E2 1 (Euro 2 diesel vehicles)



Isuzu NLR 55B LX (Euro 4 diesel vehicles)

EURO 2		EURO 4	
Euro 2 emissions standards (gasoline)		Euro 4 emissions standards (gasoline)	
CO: 2.2g/km HC + NOx: 0.5g/km		CO: 1.0g/km THC: 0.10g/km NOx: 0.08g/km	
Euro 2 emissions standards (diesel)		Euro 4 emissions standards (diesel)	
CO: 1.0g/km HC + NOx: 0.7g/km PM: 0.08g/km		CO: 0.50g/km HC + NOx: 0.30g/km NOx: 0.25g/km PM: 0.025g/km	
Labels: CO = Carbon Monoxide HC = Hydrocarbon THC = Total Hydrocarbons NOx = Nitrogen Oxide PM = Particle Matter			
AUTODEAL			

STANDAR EMISI EURO 4 INDONESIA

Pada tahun 2018, Indonesia mulai menerapkan standar Euro 4 yakni standar emisi gas buang bagi kendaraan bermotor roda empat atau lebih yang ramah lingkungan.

KEUNTUNGAN DITERAPKANNYA EURO 4 INDONESIA

- Dapat menurunkan beban emisi dan polusi udara seperti karbon monoksida dan hidrokarbon
- Performa kendaraan menjadi lebih baik dengan meningkatnya kualitas mesin dan bahan bakar
- Meningkatkan peluang ekspor bagi industri otomotif nasional dan menjadikan mobil yang dipasarkan di dalam negeri sama dengan mobil yang diekspor

Bahan bakar Euro 4 yang disediakan Pertamina yaitu **Pertamax Turbo**

Sampai dengan tahun 2017, negara ASEAN yang sudah menerapkan standar emisi Euro 4 yaitu:

- Malaysia
- Thailand
- Singapura
- Filipina
- Brunei Darussalam
- Vietnam

Sumber: Pertamina | Produk 10 07 2018

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Euro 2 vs Euro 4 vehicles



In 2023, units whose engine configuration still uses Euro 2 Diesel will begin to be retired, and currently operating are campus shuttles with Euro 4 diesel which has lower emissions and is more fuel efficient. This is also in line with the Indonesian government's direction to make the Euro 4 standard an environmentally friendly exhaust gas standard for four-wheeled or more motorized vehicles.

Solution :

1. Lacakaku

In order to digitize the transportation system in line with technological developments, Unpad has developed a campus transportation detection feature called "lacakaku" which can be used simply by scanning the QR code that has been distributed in several corners of the campus. This feature is able to access information on the location of campus shuttles that are currently operating so that it can increase the effectiveness of time predictions and economic efficiency for students, lecturers and academic staff to mobilize on campus. Apart from tracking the campus shuttle, the "lacakaku" feature is also used to track campus building plans, the "Jalatista" fountain and cafeteria.



Lacakaku : <http://bit.ly/lacakaku>

2. Unpad Transportation Employee "Damri"

In order to reduce the use of private cars by Unpad lecturers and academic staff, there are 2 Damri buses which function as shuttle transportation from Bandung to Jatinangor. The bus departs at 06.00 am from Bandung to Jatinangor, and vice versa when returning from Jatinangor to Bandung from Jatinangor at 16.00. There are 2 Damri shuttle routes, namely Bandung (Dipatiukur) – Jatinangor and Bandung (Elang) – Jatinangor. These two routes facilitate Unpad employees whose domiciles are spread across several places in Bandung City.



Damri Bus

3. Campus Shuttle Emission Test

Starting in 2023, Unpad will begin collaborating with the Sumedang Toyota Dealer in order to carry out emission tests on Unpad inventory vehicles, including the campus shuttle. Several shuttle service units have been tested for emissions and all of them passed the test. This activity is scheduled to be carried out periodically as a routine program every 3 months in 2024.



Campus Shuttle Emission Test

Evidence link:

Campus transportation website:

<http://bit.ly/lacakaku>

<https://siat.unpad.ac.id/sarpras/angkutankampus/>

Campus transportation facility website:

<http://sarpras.unpad.ac.id/fasilitas/fasilitas-transportasi/>



List of Unpad vehicles that have been tested for gas emissions

No	Tanggal	Nopol	Merk & Tipe	Jenis	Tahun Pembuatan	Pengguna	Hasil Uji Emisi
1	12/10/2023	D 7039 FB	Isuzu NLR 55B LX	Mikrobus	2017	Angkutan Kampus (Jalur IPA)	Lulus
2	12/10/2023	D 7040 FB	Isuzu NLR 55B LX	Mikrobus	2017	Angkutan Kampus (Jalur IPA)	Lulus
3	12/10/2023	D 7041 FB	Isuzu NLR 55B LX	Mikrobus	2017	Angkutan Kampus (Jalur IPS)	Lulus
4	12/10/2023	D 7042 FB	Isuzu NLR 55B LX	Mikrobus	2017	Angkutan Kampus (Jalur IPS)	Lulus
5	12/10/2023	D 7006 DU	Hino RN8JSKASJJ/RN285	Big Bus	2017	Operasional Pool Kendaraan	Lulus
6	12/10/2023	D 7005 DU	Hino WU342R-HKMRJD3BL	Medium Bus	2017	Operasional Pool Kendaraan	Lulus
7	13/10/2023	D 1518 AKN	Toyota Kijang Zenix V 2.0 AT	Minibus	2023	Operasional Pool Kendaraan	Lulus
8	13/10/2023	Z 9923 AA	Suzuki APV DLX	Ambulance	2019	UPT Balai Kesehatan	Lulus
9	13/10/2023	D 8576 FR	Isuzu Traga PHR 54 C BB	Pick Up	2022	Operasional Tim Infrastruktur	Lulus
10	13/10/2023	D 8382 FD	Hino WU342R-HKMRJD3	Dump Truck	2017	Operasional PK3L	Lulus
11	13/10/2023	D 1549 GH	Toyota Avanza 1.5 Veloz	Minibus	2017	Operasional Fakultas	Lulus
12	13/10/2023	D 1002 DUP	Toyota Kijang Innova 2.0 V	Minibus	2017	Operasional Fakultas	Lulus