Education

The Génadɛma spends on average 1 dhanay per day (6 per week) on food, lodging, and laundry per student. It charges 10 dhanay per week (4 per week for tuition).

Each standard term lasts nine weeks, with a 1-week orientation, 7 weeks of regular classes, and a week of summary/examination. Classes are held 9-11, 11-1, and 4-6 (though the first 15 minutes is lost to socializing). 1-4 is lunch and siesta. 6-7 is informal talking, dinner is 7:30-8:30, and students can then study and relax 8:30-midnight.

Terms are usually grouped as follows: Spring, 9 wks, 1 wk off (Bolérɛnménu and Dhébɛlménu), 9 wks (Blorménu thru 4th wk Kaiménu); summer, 2 wks off, 5 wk term (Dhonménu + 1 wk), 1 wk off, 5 wk term, 2 wks off (through 4th wk of Brénménu); Fall, 9 wks, 1 wk off (2 wks Brénménu, 6 wks Génménu, 2 wks Prusménu), 9 weeks (3 wks Prusménu, all of Bɛlménu); winter, 1 wk off, 5 wk intensive term (Plowménu), 5 wks off (ɛjnaménu); (total 65 wks) (Note: ɛjnaménu through Abɛlménu have 5 weeks each)

Year 10: Mɛlwika Génadɛma reschedules: Spring, 9 wks, 1 wk off (Bolérɛnménu and Dhébɛlménu), 5 wks (Blorménu); summer, 2 wks off, 5 wk term (3 wks Kaiménu and 2 wks Dhonménu), 5 wk term (3 wks Dhonménu and 2 wks Abɛlménu), 5 wk term (3 wks Abɛlménu and 2 wks Brénménu); vacation (1 wk); Fall, 9 wks, 1 wk off (3 wks Brénménu, 6 wks Génménu), 5 wks (all of Prusménu + 1 week vacation), 5 wks (all of Bɛlménu + 1 wk vaca), 5 wks (5 wks of Plowménu), 5 wks (1 wk Plowménu and 4 wks ɛjnaménu); 1 wk off;

Courses meet 3 hours a week (9-wk term) or 6 hours per week (5-wk term). Class periods are 9-12:15, 2-5:15, 6-9:15. For all but the last week, courses also meet on two Suksdius. Courses meet once for 3-hour exams the last week. Courses thus involve 33 hours total (equivalent of a quarter-course, not a semester-course).

A student typically takes 2 courses in a 5-wk term and 4 in a 9-wk term. Students need 12 courses per "year." It is possible, taking courses every term, to complete 20 per year. A dwoyɛri is possible in a year, including a series of summer or a series of winter terms twice.

High School System

High School	Pot. Pop.	Pop, Yr 10	Busses	Pop Yr 13	Busses
Kɛrda South/4:30	1200	240	5C	400	8C
*Kɛrda North/5:30	1300	260	6C	400	8C
Jɛrnstisér/9	500	60	2G	100	2G
*Néfa/6	1500	300	3B	500	5B
*Pértatranisér/7	1500	300	3B	600	6B
Véspa North/8	500	100	2B	150	3B
*Ora/7	1500	300	AB	500	AB
Véspa South/8	1000	200	5A	300	6A
*Lɛwéspa/9	1500	450	6A	600	6A
*Tripola South/10	1500	300	7A	450	5A
Dhébakwés/11	1000	300	4A	450	7A
*ɛndraidha/15	1000	400	3E	500	4E
Arjora/13:30	200	40	1F	60	3F
*ɛjnopéla/14:30	300	75	5F	100	2F
*Mɛddoakwés/15:30	2000	500	5F	700	8F
*Mɛlwika/16:30	1500	750	5F	1000	8F
*Pɛnkakwés/14	500	--	2G	100	4G
Akɛldɛdra/13	200	--	1G	70	1G
*Bɛllɛdha East/13	1500	300	5G	400	4G
Bɛllɛdha West/12	500	100	3G	150	3G
Yujdwoakwés/ 12	300	60	1D	100	2D
*Khɛrmdhuna/7	200	30	1D	150	3D
*Gordha/19	400	50		100	1L
Kwolonɛ/17	300	50		100	2H
Kaitɛrɛ/21	400	30		80	2I
Kwétékwonɛ/17	100	---		50	1J
Moruagras/3	100	10		50	
Guzizu/13	2000	500	4K	700	8K
*Anartu/12	1500	500	4K	600	6K
Silagisu/11	1500	300	3K	450	6K
TOTALS 30		6500	34AZ		53AZ

(* = public library; 15 total in Year 10; “6C” means 6 busses in pool “C,” each pool having a different territory)

High school potential population is 10% of the district’s total population. Attendance rate usually is 20% in year 10 and 30% in year 13, though it is higher in some urban districts and lower in very rural ones. In Year 7, Tripola’s attendance rate was 12%, which reflects the initial surge of interest in high school. Note that high school really has three grades, not four, but the 10% potential population assumes 4 grades because young adults are lying about their age to get in. With a large pool of illiterate adults and a surge in birth rate, 10% will be true for twenty years or so.

United States high school graduation rates: 20% in 1920, 40% in 1940, 60% in 1960, 85% today (93% among whites today)

Note: New Florida law about classroom size: 18, Kindergarten through 3d grade; 22, 4th-8th grade; 25, 9th -12th grade

Yr. 16: About 10,000 high school students

Literate Population:
4,000 worldwide, spring year 4/622 (vol. 5, 395; has regional census)
7,500 worldwide, spring year 5/623 (vol. 7, 319)
20,000? Year 10

Subject	Uniy.	Dwoy.	Triy.	Kwéty	Masters
Doctors				300	50
Nurses		600	50		30
Medical technicians		500	50		20
Teachers		1800	200	500	25
Commercial art		100	20		5
Lawyers			100		5
Economics		30			10
Anthrop/Sociology			10		3
Psychology			20		10
Accountants		150	150		15
Business		500	150		20
Planning/Development			15		10
Administration/Clerical		400	100	50	10
Literature/Composition			100		50
Mech. Engineering			200	50	50
Electr. Engineering			75	25	15
Civil Engineering			10		5
Mechanics	1000	200			25
Agriculture		100	50		10
Ecology/Forestry		30	15		5
History/Museum Sci.		25	10		5
Chemistry		25		10	10
Biology				10	10
Geology		20	15		10
Physics/Astronomy			10		10
Meteorology			10		5
Math & Statistics			25		15

Archaeology			20		5
Gɛdhémology					15
English/translation			50	30	15
Philosophy/Religion					15
Music			25		10
Architecture			15		5
Police		700	25		5
Eryan			25	75	25
TOTAL: 21,590 Fac: 270	1000/9498	5180/8498	1310/3318	1275/2008	743

Total years in génadɛma: 19,385; @ 400dh/yr = 7,754,000 dh/7 yrs = 1,108,000 dh per year; / 5000 = 220 faculty;
19,385/7 = 2769 students/yr
2769/220 = 12.6:1 faculty/student ratio

Mɛlwika Génadɛma Faculty and Students:

Subject	Uniy.	Dwoy.	Triy.	Kwéty	Masters
Doctors				300	50
Nurses		300	25		15
Medical technicians		100	50		20
Teachers		400	75	150	7
Commercial art		50	20		5
Architecture			15		5
Anthrop/Sociology			10		3
Psychology			20		10
Accountants		60	60		13
Business		230	75		3
Planning/Development			13		1
Administration/Clerical		90	15	15	4
Literature/Composition			25		10
Mech. Engineering			150	40	30
Electr. Engineering			50	25	15
Civil Engineering			5		3
Mechanics	400	100			15
Agriculture		50	30		8
Ecology/Forestry		25	13		4
History/Museum Sci.		12	5		3
Chemistry		15		10	10
Biology				10	10
Geology		15	10		10
Physics/Astronomy			10		10

Meteorology			10		5
Archaeology			20		5
Gɛdhémology					15
English/translation			15	10	5
Philosophy/Religion					5
Music			25		10
Police		250	15		1
TOTAL: 9473 Fac: 102	400/4688	1892/3288	1133/2396	750/1262	512

Mɛddoakwés:

Lawyers			100		5
Economics		30			10
Math & Statistics			25		15
Administration/Clerical		150	40	22	5
Literature/Composition			10		5
Teachers		100	25	100	10
English/translation			15	15	9
Philosophy/Religion					5
TOTAL: 2165 Fac: 25	744	330/744	210/414	145/204	59

Néfa:

Accountants		65	65		
Business		210	50		5
Administration/Clerical		75	20	5	
Literature/Composition			10		5
Teachers		150	10	24	1
TOTAL: 1766 Fac: 21	755	550/755	165/205	29/40	11

Mɛddwoglubas:

Nurses		300	25		15
Mechanics	75	20			
Teachers		75	5	12	
TOTAL: 1078 Fac: 12	75/527	395/452	30/57	12/27	15

Ora:

Administration/Clerical		25	10		
Literature/Composition			5		5
Mech. Engineering			50	10	20
Electr. Engineering			25		
Mechanics	300	60			10
Chemistry		8			
Teachers		250	18	40	
English/translation			10	2	
Police		400			
TOTAL: 2268 Fac: 25	300/1172	743/872	108/130	42/132	35

Isurdhuna:

Literature/Composition			50		25
History/Museum Sci.		7	2		1
Teachers		150	10	24	1
English/translation			10	3	1
Philosophy/Religion					5
TOTAL: 803 Fac: 15	289	157/289	72/132	27/60	33

Tripola:

Mechanics	100	20			
Agriculture		25	10		
Geology		2	2		
Teachers		150	10	24	1
TOTAL: 667 Fac: 9	100/347	200/247	22/47	24/25	1

Bɛllɛdha:

Mechanics	50				
Chemistry		2			
Teachers		150	10	24	
TOTAL: 480 Fac: 7	50/236	152/186	10/34	24	

Sumi Génadɛmas:

Mechanics	75				
Agriculture		25	10		2
History/Museum Sci.		7	3		1
Ecology/Forestry		5	2		1
Geology		3	3		
Teachers		300	30	90	5
Accountants		25	25		2
Business		60	25		3
Planning/Development			2		1
Administration/Clerical		60	15	8	1
Police		50	5		1
Eryan			25	75	25
TOTAL: 2472 Fac: 27	75/965	530/890	145/360	173/215	42

Gordha:

Teachers		75	5	12	
TOTAL: 213 Fac: 3	92	75/92	5/17	12	

ɛndraidha:

Civil Engineering			5		2
Military Sci. (various)	1000	250	100		25
TOTAL: 1950 Fac: 25	1000/1382	250/382	105/132	27	27

Mɛlwika Génadɛma Buildings and Areas

Building	Length	Width	# Floors	Area sq meters	Comments
Government	31	12	3	1116	
Admin./Business	60	18	3	3240	
Museum	17	41	2	1394	
Agri/Bio	80	12	2	1920	
Performing Arts	42	66	2	5544	
Engineering	66	17	3	3366	
Humanities	43	18	2	1548	
Physical Sci.	51	18	2	1836	
Library	30	18	3	1620	
Dormitory 1	80	16	2	2560	Cap. 120
Dormitory 2	72	16	3	3456	Cap. 156
Bookstore/Cafeteria	40	19	2	1520	Cap. 32
Medical School	40	24	2	1920	

Dormitory 3 & 4	84	16	8	10752	Cap. 480
TOTAL				41750	

Génadɛma for 500 students, 50 faculty, 150 support staff (many students); 28,368/700 = 40 sq. meters each. (Holy Cross College has 500 students and about 33,000 sq. meters of space, 61 faculty, 36 staff). By end of 7-yr plan capacity must expand to 1300 students/yr.

For every 15 students, one faculty, who needs:
1 office, 4 by 4 meters, 16 sq. m
2.5 support staff, 40 sq. m
0.6 classrooms, 100 sq. m/0.6 = 60 sq. m.
0.3 labs, etc., = 30 sq. m.

Thus 1 faculty needs about 150 sq. m., or about 10 sq. m. per student served

Mɛlwika School system, yr 13:

Elementary School: 4,000 students, 120 classrooms
Middle School: 2,000 students, 60 classrooms
High School: 1,500, 45 classrooms

Investment: each school has 20 classrooms [3,000 dhanay each, total of 666 students], library (4,000), auditorium (12,000), 3 offices (1,000 each); hallways, exterior landscaping, 6,000; total 85,000 each

Total schools: 6 elementary, 3 middle, 2 high

With 1,500 new first graders every year, the city is building 2.5 new schools per year (212,000 dhanay per year of investment). Generally, kids stay in the same school through end of middle school.

Average classroom size: 10 by 10 meters

Hospitals:

- Mɛlwika
- Mɛddoakwés
- Mɛddwoglubas
- Ora
- Néfa
- Bɛllɛdha
- Tripola
- Isurdhuna
- ɛndraidha

Anartu
Gordha
Pértatranisér
Mɛdhpéla
Réjéivika
Mɛlita
Sullɛndha
Sumiupɛrakwa
Arjdhura