

Use our “**Loan amortization schedule template**” to calculate the amount and payment schedule for loan repayment.

The upper part of the table contains several fields that you need to fill in to calculate the size and loan amortization schedule.

Loan type	▼	Lender name	
Loan amount			
Annual interest rate		Total payments	
Loan period in years		Total Interest	
Start date of loan			

- “**Loan type**” - in this field, select the type of loan from the drop-down list.
 - An **annuity** is a repayment schedule in which the principal and interest on the loan are paid in equal amounts at equal intervals;
 - A **differentiated** payment is a loan repayment system in which different payments are paid, which decreases each time, while the principal amount of the loan is paid in equal installments.
- “**Loan amount**” - in this field, enter the amount of the requested loan;
- “**Annual interest rate**” - in this field, enter the annual bank interest rate under which the loan is issued;
- “**Loan period in years**” - in this field, indicate the number of years for which the loan is issued;
- “**Start date of loan**” - in this field, indicate the date the loan was issued; this is necessary to calculate the repayment schedule;
- “**Lender name**” - in this field, indicate the name of your lender (bank);

Differentiated

Annuity

Differentiated

At the top are 2 totals that are calculated automatically.

- “**Total payments**” - this field calculates the total amount that you will pay to the borrower, including interest;
- “**Total Interest**” - this field calculates the total amount of interest you pay to the borrower for the entire loan period.

An example of filled fields looks like this:

Loan type	Differentiated ▼	Lender name	<Your bank name>
Loan amount	\$145,000.00		
Annual interest rate	18%	Total payments	\$185,237.50
Loan period in years	3	Total Interest	\$40,237.50
Start date of loan	05/01/2021		

Below is a table with a loan amortization schedule:

No	Payment Date	Scheduled Payment	Loan Balance	Principal Amount	Interest Amount	Cumulative Interest Amount
----	--------------	-------------------	--------------	------------------	-----------------	----------------------------

- "No" - this column displays the sequential numbering of loan payments;
- "Payment Date" - this column shows the dates of payments according to the loan repayment schedule;
- "Scheduled Payment" - this column displays the number of payments that need to be paid according to the loan repayment schedule;
- "Loan Balance" - this column displays the amount of credit that must be paid for each period of the credit schedule;
- "Principal Amount" - this column shows the amount of principal you pay as part of the total "Scheduled Payment";
- "Interest Amount" - this column displays the amount of bank interest you pay as part of the full "Scheduled Payment";
- "Cumulative Interest Amount" - this column cumulatively calculates the total amount of paid interest for each period of the loan schedule.

Calculation example for a loan of \$145,000 for 1 year with a differentiated type of lending.

No	Payment Date	Scheduled Payment	Loan Balance	Principal Amount	Interest Amount	Cumulative Interest Amount
1	02/05/2021	\$14,258.33	\$145,000.00	\$12,083.33	\$2,175.00	\$2,175.00
2	03/05/2021	\$14,077.08	\$132,916.67	\$12,083.33	\$1,993.75	\$4,168.75
3	04/05/2021	\$13,895.83	\$120,833.33	\$12,083.33	\$1,812.50	\$5,981.25
4	05/05/2021	\$13,714.58	\$108,750.00	\$12,083.33	\$1,631.25	\$7,612.50
5	06/05/2021	\$13,533.33	\$96,666.67	\$12,083.33	\$1,450.00	\$9,062.50
6	07/05/2021	\$13,352.08	\$84,583.33	\$12,083.33	\$1,268.75	\$10,331.25
7	08/05/2021	\$13,170.83	\$72,500.00	\$12,083.33	\$1,087.50	\$11,418.75
8	09/05/2021	\$12,989.58	\$60,416.67	\$12,083.33	\$906.25	\$12,325.00
9	10/05/2021	\$12,808.33	\$48,333.33	\$12,083.33	\$725.00	\$13,050.00
10	11/05/2021	\$12,627.08	\$36,250.00	\$12,083.33	\$543.75	\$13,593.75
11	12/05/2021	\$12,445.83	\$24,166.67	\$12,083.33	\$362.50	\$13,956.25
12	01/05/2022	\$12,264.58	\$12,083.33	\$12,083.33	\$181.25	\$14,137.50