```yaml
name: test

on:
  push:
    branches: [master]
  pull_request:
  workflow_dispatch:

env:
  POETRY_VERSION: "1.4.2"

jobs:
  build:
    runs-on: ubuntu-latest
    strategy:
      matrix:
        python-version:
          - "3.9"
          - "3.10"
          - "3.11"
        test_type:
          - "core"
          - "extended"
    name: Python ${{ matrix.python-version }} ${{ matrix.test_type }}
    steps:
      - uses: actions/checkout@v4
```

```yaml
- name: Set up Python ${{ matrix.python-version }}
  uses: "./.github/actions/poetry_setup"
  with:
    python-version: ${{ matrix.python-version }}
    poetry-version: "1.4.2"
    cache-key: ${{ matrix.test_type }}
    install-command: |
      if [ "${{ matrix.test_type }}" == "core" ]; then
        echo "Running core tests, installing dependencies with poetry..."
        poetry install
      else
        echo "Running extended tests, installing dependencies with poetry..."
        poetry install -E extended_testing
      fi
- name: Run ${{matrix.test_type}} tests
  run: |
    if [ "${{ matrix.test_type }}" == "core" ]; then
      make test
    else
      make extended_tests
    fi
  shell: bash
```