

How to prepare a Microcredentials

Faculty of Graduate Studies
Mahidol University



Ways to earn a postgraduate degree from Mahidol University

Normal track



Apply for admission as a regular student of a program



Take all required and elective courses (according to the requirement of the degree program)



Course collect for degree

MAP - C track



Apply to take a course of interest (a credit course from a degree program)



Earn credits after fulfilling course requirement



Accumulate credits by taking more courses with student's **own pace**



Apply for admission to be a regular student & take the rest of the courses from the program (according to the requirement of the degree program)*



Microcredit track



Apply for a training course from Mahidol University or other institutions



Learning outcomes match with a degree program course of Mahidol University



Earn microcredits of the corresponding program course



Thesis



Degree



*Conditions may apply

Microcredentials

Micro-credentials certify the learning outcomes of **short-term** learning experiences, for example a short course or training. They offer a **flexible, targeted** way to help people develop **the knowledge, skills and competences** they need for their personal and professional development. (European commission)

Microcedentials is a digital certification of assessed **knowledge,skills and competencies** in a specific area/field which can be **a component of accredited program or stand-alone courses** supporting the professional, technical, academic and personal development of the learners. (MQA)





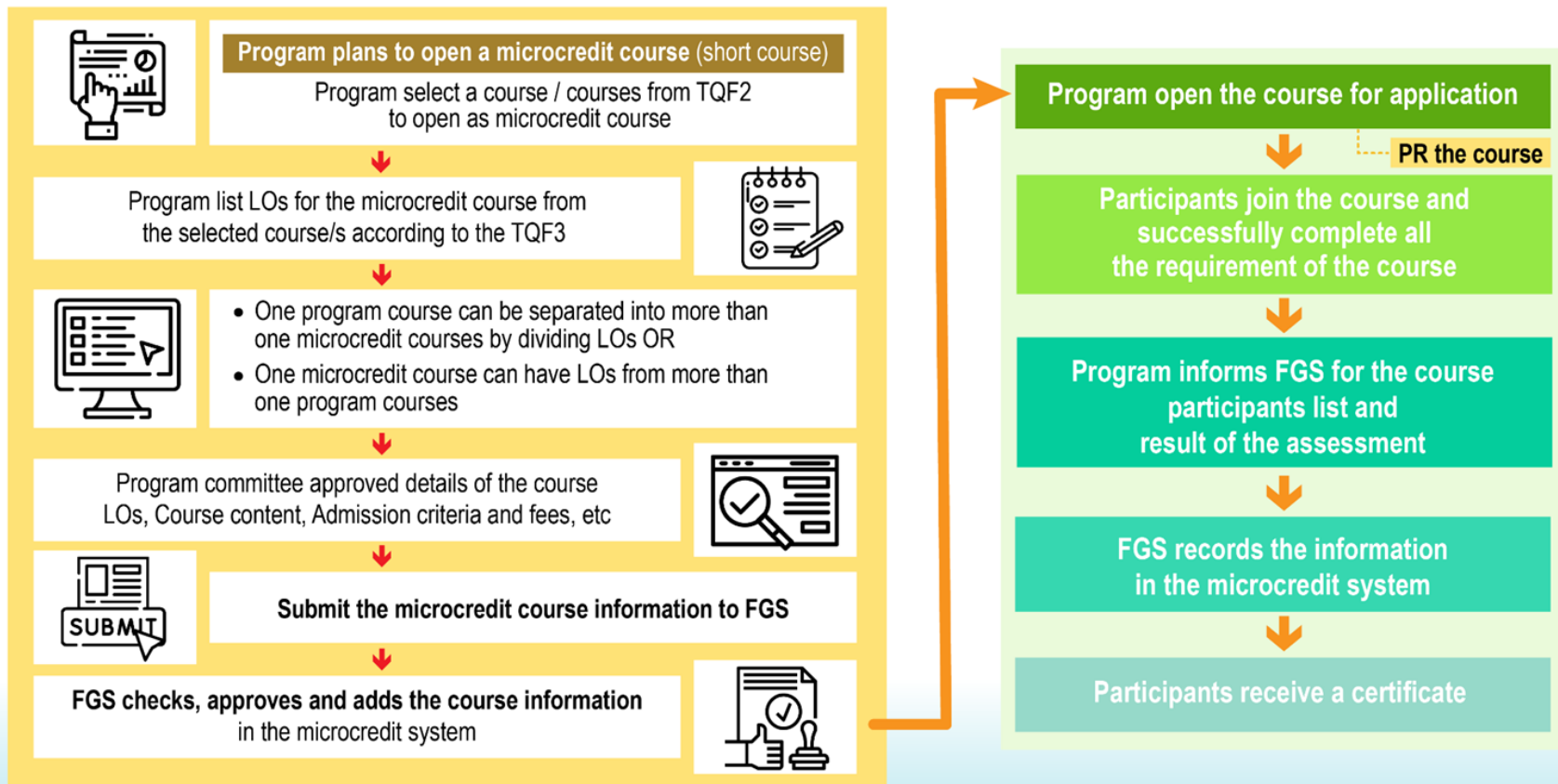
OLD SCHOOL
CREDENTIALS



NEW SCHOOL
CREDENTIALS



How a program prepares a microcredit course





How a program runs a microcredit course



Program plans to open a microcredit course (short course)

Required to set

- **the learning outcomes (LOs)** for the course
(LOs is part of a program course LOs, or combination of LOs from more than one courses of the program)
- Admission process (interview etc), admission criteria, time, fees, starting date



Program director informs FGS for opening of the course including information about the course LOs showing detailed matching with LOs of the program course



FGS checks, approves and adds the course information in the microcredit system



Application available for the course

PR the course

Participants join the course and successfully complete all the requirement of the course



Program informs FGS for the course participants list and result of assessment



FGS records the information in the microcredit system



Participants receive certificates



How to arrange a joint program to earn microcredit in MU

Scenario 1

MU program

partner institution

Open a joint training course

LOs matched with the program curriculum of MU course

Attendees can earn microcredit when join MU as graduate students in the future

Scenario 2

MU program

partner institution

Agreement for collaboration

Student attend some courses in the partner institution

Courses LOs matched with LOs of MU courses

Attendees can earn credit/microcredit when join MU as graduate students in the future (no more than 50% of the program credit can be earned)



Categories of microcredentials



Categories of microcredentials



Credit collection - **Yes**



Credit collection - **Yes**



Credit collection - **No**



Credit collection - **Yes, only some part**

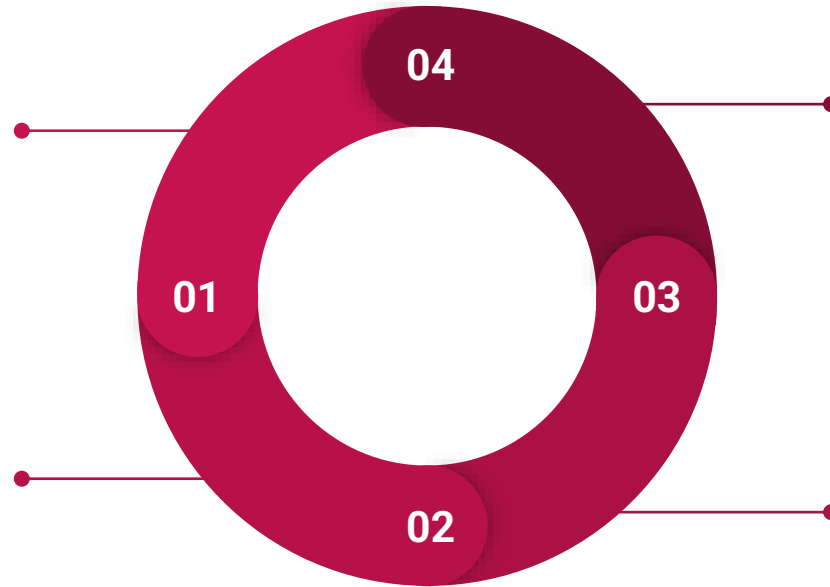
Workflow tips

Plan

Any collaborators, target audience, market, trends, setting up fees, etc

Develop

Set the learning outcomes, content, detail topics, duration, mode of delivery (online/mixed mode/face to face), marketing, PR



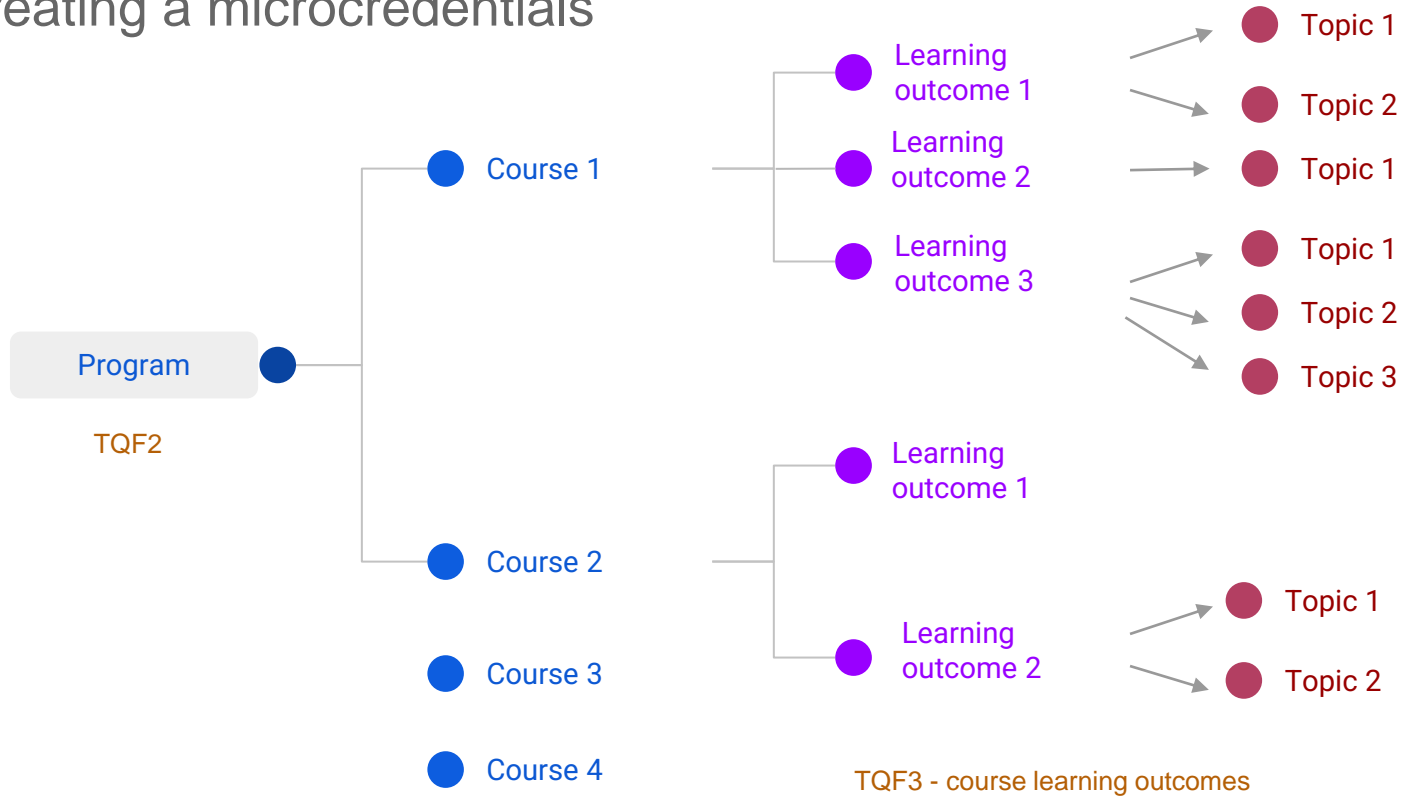
Evaluate

Evaluate the response from learners, collaborators, feedback

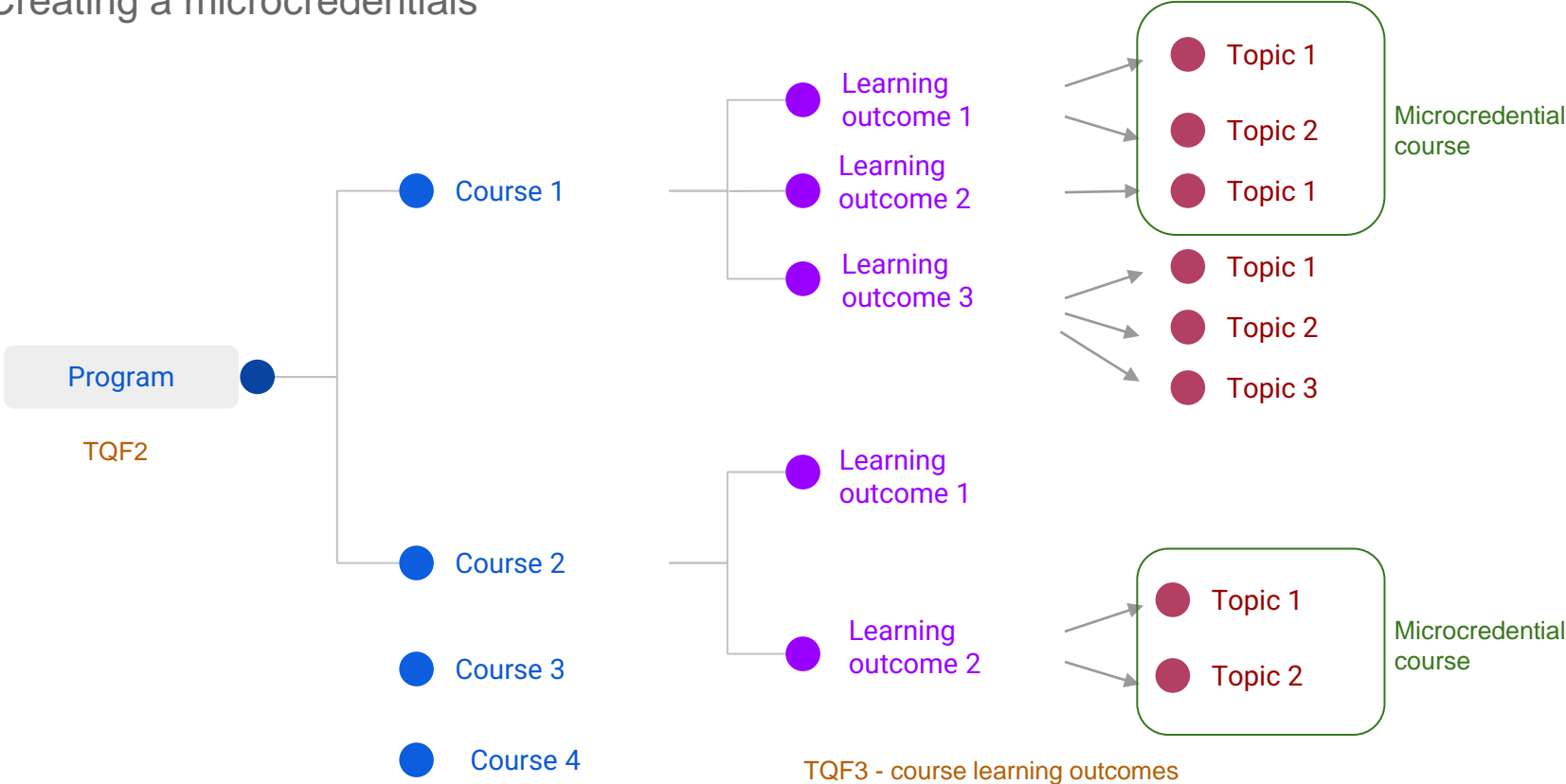
Run the course

Real time teaching, video recorded,

Creating a microcredential



Creating a microcredential



Program Learning Outcomes (PLOs) of MA ASEAN Studies for sustainable development (TQF2)

1.3.1 Have knowledge and understanding of ASEAN Community in the sustainable development, economic, socio-cultural, political and environmental dimensions.

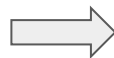
1.3.2 Apply the integrated knowledge of ASEAN Studies for Sustainable Development to giving suggestion for promoting sustainable development in ASEAN.

1.3.3 Practice professionally and ethically in research and social work.

1.3.4 Work as a team and collaborate with other from different social, economic and cultural backgrounds.

1.3.5 Design and conduct research with regard to social, cultural, environmental, ethical and professional factors.

1.3.6 Communicate knowledge and critical assessment of issues in ASEAN Studies for Sustainable Development by writing reports, documents and oral presentations to others in the academic and social fields.



Course Learning Outcomes of a course from MA ASEAN Studies for sustainable development (TQF3)

GRAS 584: Research Methodology in Social Sciences

1. To understand the basic characteristics of the quantitative and qualitative approaches to social research.
2. To understand basic concepts of research methodology and apply them to research projects.
3. To understand the research design and process and to assess, take, and justify basic design decisions.
4. Understand, use, and assess basic sampling, data collection, and data analysis methods in quantitative and qualitative research.
5. Understand generally accepted principles of research ethics and assess ethical aspects of research projects. (Separate research ethics workshop.)
6. Understand and apply quality criteria such as validity and reliability in social research.
7. Identify, assess, and synthesize literature relevant to a research project.

Topics from a course

Topic 1 — Basic Concepts and Philosophical Foundations of Social Research

Topic 2 — Research Design in Quantitative and Qualitative Perspective

Topic 3 — Research Goals and Research Problem, Research Questions and Hypotheses

Topic 4 — Sampling Methods in Quantitative Research

Topic 5 — Constructing and Using Questionnaires

Topic 6 — Quantitative Data Analysis: Descriptive Statistics

Topic 7 — Univariate Data Analysis

Topic 8 — Bivariate Data Analysis

Topic 9 — Quantitative Methods: Review and Practice

Topic 10 — Qualitative Sampling

Topic 11 — Observation

Topic 12 — Semi-Structured Interviews (Workshop)

Topic 13 — Qualitative Data Analysis (Workshop)

Topic 14 — The Literature Review

Topic 15 — Quality in Quantitative and Qualitative Perspective

Topic 16 — Writing Proposals and Research Reports

<h2>Program LOs</h2>	<ul style="list-style-type: none"> - Have knowledge and understanding of ASEAN Community in the sustainable development, economic, socio-cultural, political and environmental dimensions. - Apply the integrated knowledge of ASEAN Studies for Sustainable Development to giving suggestion for promoting sustainable development in ASEAN. - Practice professionally and ethically in research and social work. - Work as a team and collaborate with other from different social, economic and cultural backgrounds. - Design and conduct research with regard to social, cultural, environmental, ethical and professional factors. - Communicate knowledge and critical assessment of issues in ASEAN Studies for Sustainable Development by writing reports, documents and oral presentations to others in the academic and social fields.
<h2>Course LOs</h2>	<p>To understand the basic characteristics of the quantitative and qualitative approaches to social research.</p> <ol style="list-style-type: none"> 2. To understand basic concepts of research methodology and apply them to research projects. 3. To understand the research design and process and to assess, take, and justify basic design decisions. 4. Understand, use, and assess basic sampling, data collection, and data analysis methods in quantitative and qualitative research. 5. Understand generally accepted principles of research ethics and assess ethical aspects of research projects. (Separate research ethics workshop.) 6. Understand and apply quality criteria such as validity and reliability in social research. 7. Identify, assess, and synthesize literature relevant to a research project.
<h2>Topics</h2>	<p>Topic</p> <p>Topic 4 - Sampling Methods in Quantitative Research</p> <p>Topic 5 - Constructing and Using Questionnaires</p> <p>Topic 6 - Quantitative Data Analysis: Descriptive Statistics</p> <p>Topic 7 - Univariate Data Analysis</p> <p>Topic 8 - Bivariate Data Analysis</p> <p>Topic 9 - Quantitative Methods: Review and Practice</p> <p>Topic 10 - Qualitative Sampling</p> <p>Topic.....</p>
<h2>Assessment</h2>	<ol style="list-style-type: none"> 1. Assignments 1. Topic 1 · CLOs: 1, 2, —, 3, Weight: max. xx marks 2. Topic 2 · CLOs: 4, 5 · Weight: max. xx marks 2. Presentations (2 x) ** CLOs: 6,7, 8 max. xx marks 3. Final Exam (3 hrs.) *** 1. Topic ... · CLOs: —, —, —, — Weight: max. xx marks 4. In-Class Assessment of Preparation and Meaningful Participation CLOs: —,—,—,— Weight: max. xx marks

Breakout room

Tips

1. Select a course from TQF2
2. Check CLOs of the course/courses
3. Set the objectives of your microcredential course
4. Map objectives and CLOs
5. Decide the topics to be included
6. Set assessment for the microcredential course
7. Set duration



Welcome back!

Tips: marketing

What can be the learner's benefits?

- Skills, knowledge, competency in shorter duration (upskill/reskill opportunities)
- Credit transfer for future study
- Certificate from MU and/or collaborators
- Postgrad level courses
- Less costly (cost-effective) than attending whole course



Tips: Which courses to select ?

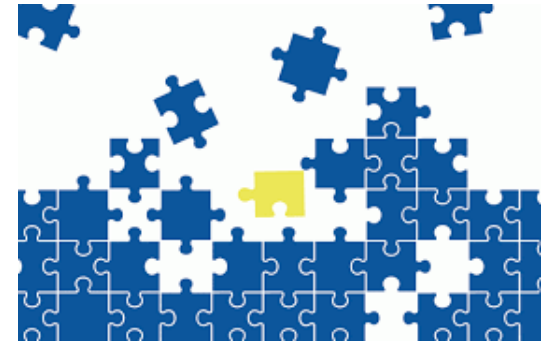


- benefits for learners, trend, Industrial requirement,
- Think of what we have and matched/modified with the requirement
- Information and collaborations from professional bodies, training institutes

Tips: Your microcredentials in another level

What you can do to your course to be more visible, more marketable, more valuable -

- Earning credits
- Offering jointly with industrial sectors, company
- Offering jointly with professional councils
- Offer jointly with partner institutions
- Offer with experts from private sectors, notable persons
- Hands on or some practical studies
- Context, requirement



Tips: Your microcredentials in another level



Offering jointly with industrial sectors, company



- Help to identify the required skills & knowledge in learners
- Meet the expectation from job

Integration between university and industry

Model for the future - microcredentials

- Learning in flexible way, just enough, and just for a particular learners (career focused)
- Learning in smaller bit and earn digital badge or microcredentials (modular and stackable)
- Collect microcredentials and earn credits for further study
- Based on local and international needs

Micro-Credentials

- Learning doesn't have to be packaged into multi-year chunks
- It can be broken up into less than 30-hour chunks and priced/awarded accordingly
- Short, low-cost online courses that result in a digital badge or credential when learners complete one of them and certified when a series is completed
- "For higher ed, that's an opportunity to really provide those services to students so they can continue to build their professional portfolios"
- Offers Universities an opportunity to bridge skill gaps

 michael_sankey





@bryanMathers



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*Thank
you*

