



1. Applicants must have completed a bachelor's degree or equivalent in the field of biological science, biotechnology, or other related fields.
2. Proof of English proficiency is required unless you are a native-English speaker or you have successfully completed university level degree studies in English.
3. Additional requirements will be in accordance with the university's regulations.



Master of Science (XW01) in *Synthetic Biology* International Program



*Designing Life, Driving Innovation:
Empowering Tomorrow with Synthetic Biology*

Total Credit Requirement (2 years)

- Type 1.1: minimum 36 credit
- Type 1.2: minimum 36 credit



Course Structure	Type 1.1	Type 1.2
1. Major Courses 1.1 Seminar 1.2 Major Requirements 1.3 Elective subjects	minimum 7 credits 2 credits 5 credits -	minimum 24 credits 2 credits 16 credits minimum 6 credits
2. Thesis	minimum 36 credits	minimum 12 credits
Total Credits Required	minimum 36 credits	minimum 36 credits

Semester	Duration
1st semester	August - December
2nd semester	January - May

Contact Us



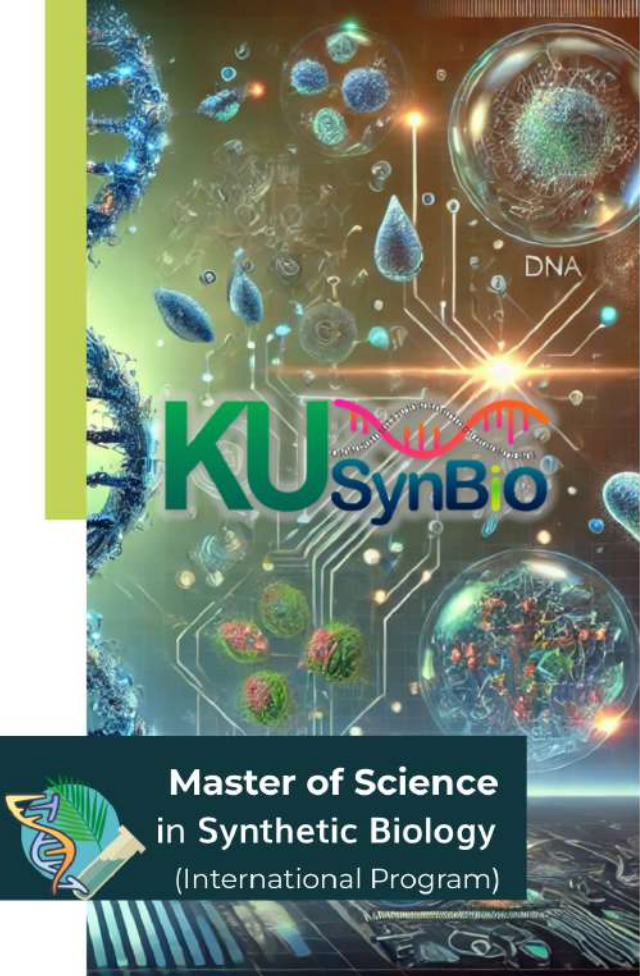
scan me



- <https://kuic.ku.ac.th/synbio-2>
- kuic@ku.ac.th or wanwipa.v@ku.ac.th
- +(66)2 562-0985
- Kasetsart International College (KUIC)
P.O. Box 1097, Ladyao, Chatuchak, Bangkok, Thailand, 10903



Office Hour
Monday - Friday
8:30 - 16:30



Master of Science in Synthetic Biology (International Program)

M.Sc. program in *Synthetic* KU *Biology*

**Designing Life,
Driving Innovation**



<https://kuic.ku.ac.th/synbio-2>
for more info



Postgraduate career

Graduates of the Master of Science in Synthetic Biology program are equipped with interdisciplinary knowledge and skills that prepare them for diverse career opportunities across academia, industry, and beyond. The program emphasizes systems biology, bioengineering, computational modeling, and biotechnological innovation, making graduates highly sought after in both emerging and established fields.



Why Choose Us



Pioneering Program

The first-ever M.S. in Synthetic Biology program in Thailand, offering cutting-edge education in this innovative field.



Scholarship Opportunities

Financial support available and applicable to ease the journey of pursuing higher education.



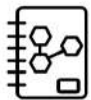
State-of-the-Art Facilities

Access to advanced laboratories and technology for hands-on learning and research.



Career-Ready Graduates and Strong Research Collaborations

A focus on industry-relevant skills prepares students for careers in biotechnology, pharmaceuticals, food technology, and beyond. Partnerships with leading organizations in Thailand and other prominent countries further enhance opportunities



Join us to shape the future of synthetic biology and make a significant impact in science and innovation!

Graduation criteria

Students must pass these requirements



GPA and Examination

- Complete required courses with a minimum GPA of 3.00.
- Present and pass the final oral examination of the thesis, demonstrating graduate-level learning outcomes.



Publications

- Publish or have a part of the thesis accepted for publication as an academic article, innovation, or invention



English requirement

- Meet the English language requirements set by the Graduate School

Relax, you're with us!
We make it possible



Specialists and Scientists

- Biotech research scientists, Bioinformatics specialists, Systems biologists, Environmental biologists, Pharmaceutical scientist.



in Government and Academics

- Academic researcher or lecturer on synthetic biology for the next generation of scientists.
- Science policy advisors related to synthetic biology and its ethical implications.



Entrepreneur and Business

- Quality control manager at biotechnology or pharmaceutical company
- Biotech entrepreneur focusing on innovative biotech solutions for various industries