

Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

Bioinformatic: Programs and Courses

RRID:SCR_008379

Type: Tool

Proper Citation

Bioinformatic: Programs and Courses (RRID:SCR_008379)

Resource Information

URL: <http://www.bioinformatics.kmutt.ac.th/list-of-courses-2/>

Proper Citation: Bioinformatic: Programs and Courses (RRID:SCR_008379)

Description: This program is an international Bioinformatics course at KMUTT designed for students who desire focused training in the elements of computer science, biology and biochemistry needed for a successful career in this exciting new discipline. Students in this program will receive comprehensive training in genomics, algorithms for sequence analysis, database design and management, software engineering and programming (including web-based development). Each student will apply their skills to a practical project, where they will design and implement a solution to a real-world problem under the guidance of an experienced mentor in industry or academia. In order to receive a Masters degree, students must demonstrate mastery of the core subject matter (expected to maintain a minimum grade of B in all core courses) and reach a minimum TOEFL test score of 500 (paper) or 173 (computer) or equivalent prior to or on completion of the course. In 24 months students gain the knowledge and skills necessary to enter a career with industry or a career in research as a bioinformatics or biocomputing specialist. The program offers fifteen scholarships each year include tuition and fees plus an additional to cover living expenses for 24 months. :Keywords: Bioinformatics, Computer Science, Biology, Biochemistry, Genomics, Algorithms, Sequence, Analysis, Database, Design, Management, Software, Engineering, Programming, Industry, Academia, Master's, :

Synonyms: Bioinformatic

Resource Type: graduate program resource

Resource Name: Bioinformatic: Programs and Courses

Resource ID: SCR_008379

Alternate IDs: nif-0000-30008

Old URLs: <http://www.bioinformatics.kmutt.ac.th/course.php>

Record Creation Time: 20220129T080247+0000

Record Last Update: 20260725T190650+0000

Ratings and Alerts

No rating or validation information has been found for Bioinformatic: Programs and Courses.

No alerts have been found for Bioinformatic: Programs and Courses.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 419 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Caudill MT, et al. (2026) A method for discovery of transcription factors controlling Brucella sRNAs. Microbiology spectrum, 14(1), e0190925.

Gui G, et al. (2025) Measurable residual mutated IDH1 before allogeneic transplant for acute myeloid leukemia. Bone marrow transplantation, 60(2), 154.

Hechler RM, et al. (2025) Environmental transcriptomics under heat stress: Can environmental RNA reveal changes in gene expression of aquatic organisms? Molecular ecology, 34(13), e17152.

He Y, et al. (2025) A novel regulation on the developmental checkpoint protein Sda that controls sporulation and biofilm formation in Bacillus subtilis. Journal of bacteriology, 207(3), e0021024.

Wang Z, et al. (2025) Brucella suis S2 strain inhibits IRE1/caspase-12/caspase-3 pathway-mediated apoptosis of microglia HMC3 by affecting the ubiquitination of CALR. mSphere, 10(3), e0094124.

Minadakis N, et al. (2025) Genomic Surveillance and Molecular Evolution of Fungicide Resistance in European Populations of Wheat Powdery Mildew. Molecular plant pathology, 26(3), e70071.

Cao W, et al. (2025) Genome-wide identification of long non-coding RNAs reveals potential association with Phytophthora infestans asexual and sexual development. Microbiology spectrum, 13(5), e0199824.

Djotan AKG, et al. (2025) The similarity between arbuscular mycorrhizal fungi communities of trees and nearby herbs in a planted forest exhibited within-site spatial variation patterns explained by local soil conditions. Mycorrhiza, 35(2), 21.

Seear PJ, et al. (2025) Positive sputum fungal culture, fungal sensitisation, and airway microbial diversity in asthmatic children. *Medical mycology*, 63(2).

Brunet S, et al. (2025) Nationwide multicentre study of Nanopore long-read sequencing for 16S rRNA-species identification. *European journal of clinical microbiology & infectious diseases* : official publication of the European Society of Clinical Microbiology, 44(8), 1907.

Wasimuddin , et al. (2025) Component specific responses of the microbiomes to common chemical stressors in the human food chain. *Environmental microbiome*, 20(1), 43.

Tovar-Parra D, et al. (2025) The rat mammary gland undergoes dynamic transcriptomic and lipidomic modifications from pre-puberty to adulthood. *Scientific reports*, 15(1), 12222.

Li F, et al. (2025) Identification of novel variants in carbamoyl phosphate synthetase 1 gene and comparative pathogenicity assessments of CPS1 missense variants following ACMG/AMP-ClinGen recommendation for computational tools. *Molecular genetics and metabolism reports*, 43, 101208.

Hauschild K, et al. (2025) Catch crop amendments and microbial inoculants differently modulate apple rhizosphere microbiomes and plant responses. *FEMS microbiology ecology*, 101(6).

Nymo IH, et al. (2025) First detection of a cervidpoxvirus in Europe-disease occurrence in semi-domesticated Eurasian tundra reindeer (*Rangifer tarandus tarandus*) in Norway and Sweden. *Microbiology spectrum*, 13(7), e0229624.

Yuan H, et al. (2025) Enterotype-stratified gut microbial signatures in MASLD and cirrhosis based on integrated microbiome data. *Frontiers in microbiology*, 16, 1568672.

Zhang C, et al. (2025) Hepatocyte-specific CLSTN3B ablation impairs lipid droplet maturation and alleviates diet-induced steatohepatitis in mice. *bioRxiv : the preprint server for biology*.

Galambos NS, et al. (2025) tRNA-derived RNA processing in sperm transmits non-genetically inherited phenotypes to offspring in *C. elegans*. *Research square*.

Zhang Y, et al. (2025) Autophagy-related biological targets and network mechanisms of juglone against bladder cancer. *Journal of cancer research and clinical oncology*, 151(6), 194.

Pfeifer NM, et al. (2025) *Escherichia coli* resistant to the highest priority critically important fluoroquinolone or 3rd and 4th generation cephalosporin antibiotics persist in pigsties. *Applied and environmental microbiology*, 91(6), e0138624.