

Resource Summary Report

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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/>

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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: 20260912T195703+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 613 mentions in open access literature.

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

Hassan N, et al. (2026) Optimizing bio-orthogonal non-canonical amino acid tagging (BONCAT) for low-disruption labeling of Arabidopsis proteins in vivo. Plant physiology, 201(1).

Negro EM, et al. (2026) ANGPTL8 is upregulated in subcutaneous adipose tissue at early term after bariatric surgery in patients living with obesity. European journal of clinical investigation, 56(1), e70141.

Lesperance J, et al. (2026) Interactions of Antibody Drug Conjugate Anti-Tubulin and Topoisomerase I Inhibitor Payloads with Radiotherapy to Potentiate Immunotherapy. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(35), e06552.

Zhang C, et al. (2026) Interorganelle competition for linoleic acid underlies steatotic liver pathology. bioRxiv : the preprint server for biology.

Pless LL, et al. (2026) Emergence and epidemiology of dominant variants of human metapneumovirus in the United States between 2016 and 2021. mBio, 17(2), e0261925.

Velázquez C, et al. (2026) Structural insights into the antibacterial function of the Pseudomonas putida effector Tke5. The EMBO journal, 45(4), 1229.

Xu B, et al. (2026) Enhanced SfaTnpB enables single-base-specific, one-pot nucleic acid detection for high-sensitivity diagnostics. Nucleic acids research, 54(1).

Ohishi H, et al. (2026) Recent advances in methodologies of epigenomics. Epigenomics, 18(1), 117.

Ojalvo-Sanz AC, et al. (2026) Diversity of cortical progenitors directs neuronal layer formation and regional glial patterning. Stem cell reports, 21(4), 102855.

Galambos NS, et al. (2026) tRNA-derived RNA processing in sperm transmits non-genetically inherited phenotypes to offspring in *C. elegans*. *Nature communications*, 17(1).

Hoyle C, et al. (2026) Inflammatory responses following CRISPR modification of the nuclear localisation sequence in endogenous interleukin-1 alpha. *Disease models & mechanisms*, 19(4).

Trivellone V, et al. (2026) Diversity of Phytoplasmas Infecting Plants and Insects in Iran Reveals Two Novel Ribosomal Subgroups. *Insects*, 17(2).

de Sousa T, et al. (2026) Distinct proteomic profiles of clinical isolates show diversity of *Pseudomonas aeruginosa* colistin-resistance. *Clinical proteomics*, 23(1).

Amsalu A, et al. (2026) Characterisation of the wound microbiome and antimicrobial resistance profiles in clinical isolates from epidermolysis bullosa patients. *Orphanet journal of rare diseases*, 21(1).

Liu L, et al. (2026) m⁷A-Modified hsa_circ_0002694 facilitates OSCC progression via the METTL14/YTHDC1/miR-616-3p/c-Myc axis. *Head & face medicine*, 22(1).

Hunt AL, et al. (2026) Pan-cancer multi-omic ERBB2-HER2 characterization using next-generation sequencing and quantitative proteomics. *NPJ precision oncology*, 10(1).

Song W, et al. (2026) Expression dynamics and functional roles of KLF4 during embryonic hair follicle development in cashmere goats. *BMC veterinary research*, 22(1).

Han J, et al. (2026) PDGFD maintains ovine tail ADSCs in a proliferative state by suppressing CXCL8 and activating PI3K/MAPK signaling. *Frontiers in veterinary science*, 13, 1777426.

Lieu CV, et al. (2026) The plant hormone, 6-benzylaminopurine, ameliorates obesity in male and female mice while on a high-fat diet. *Molecular metabolism*, 108, 102366.

Kaminsky LM, et al. (2026) The adaptation chip: repurposing the principles of the ichip for guiding in situ experimental evolution. *ISME communications*, 6(1), ycag053.