



IPB University
— Bogor Indonesia —

Final



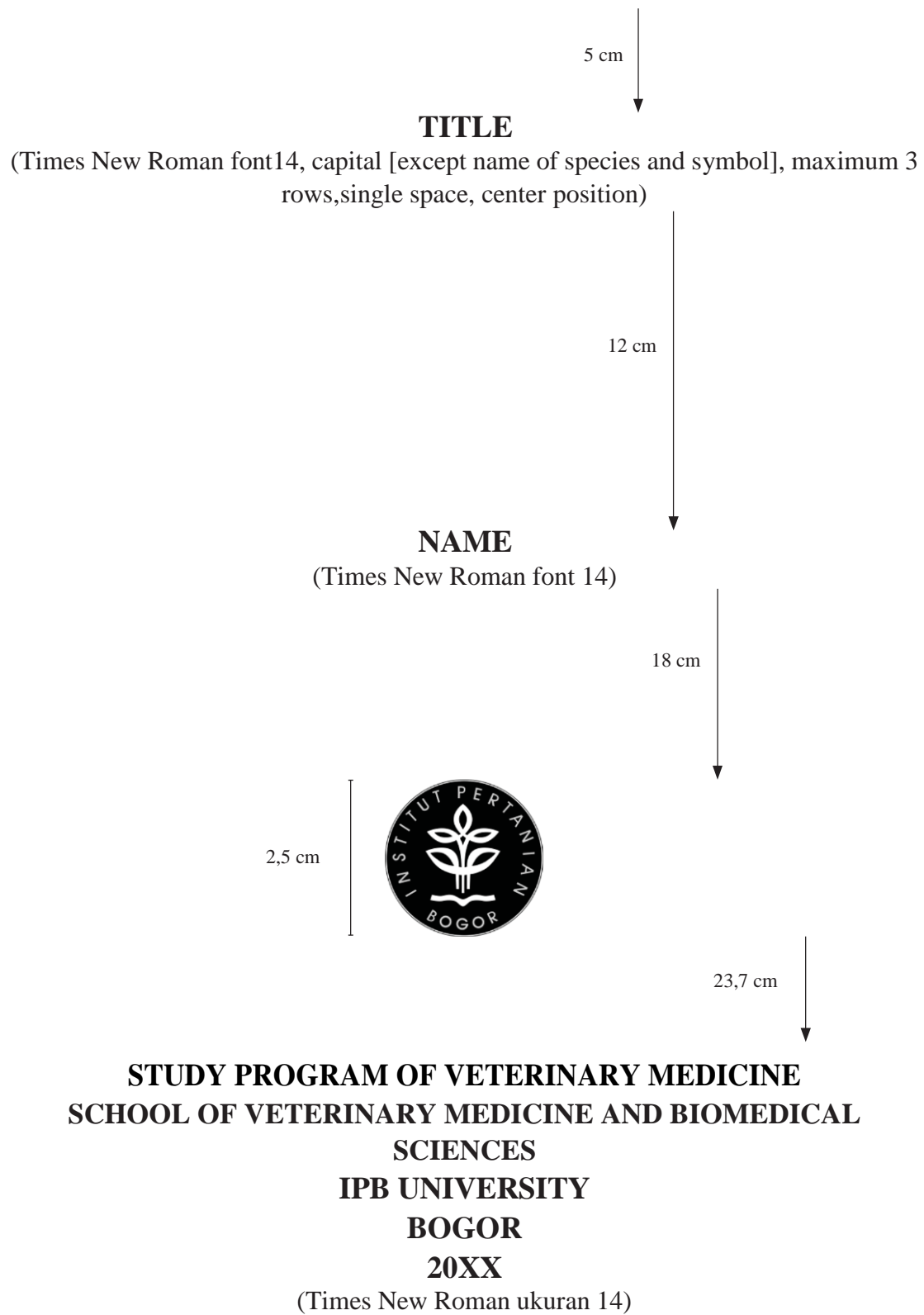
Pedoman Penulisan Karya Ilmiah

Tugas Akhir Mahasiswa

Edisi Ke-4



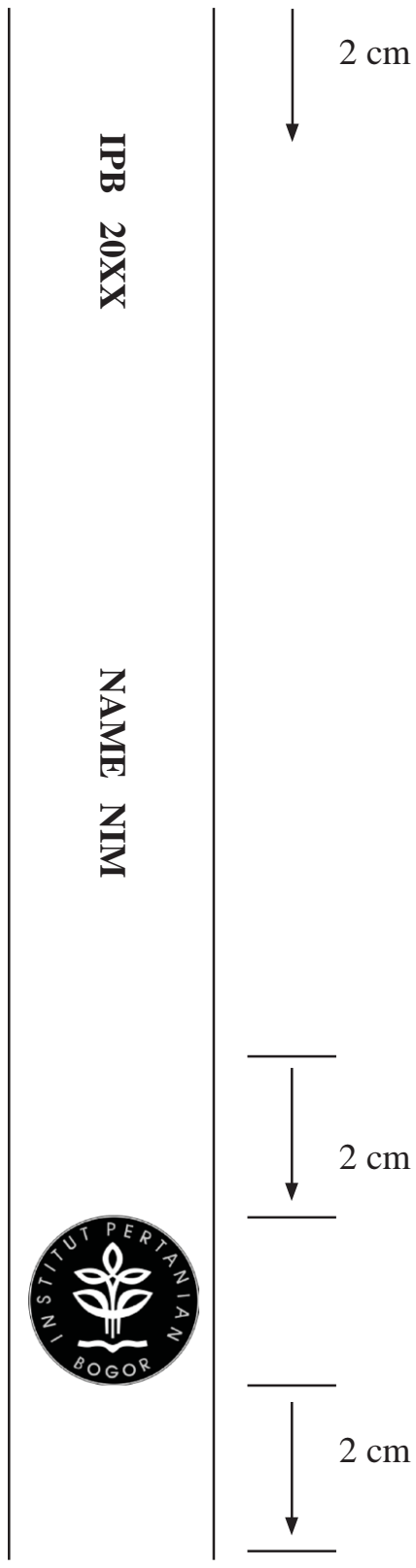
Appendix 1b. Cover of undergraduate thesis⁴



⁴ Note: Cover is printed in purple laminated cartoon (soft cover). The letter is printed with gold ink.

⁵ If the name of departement/study program is too long, use font 13 and/or make two rows

Appendix 2 Side cover of undergraduate thesis



Appendix 3 Statement, sources of information, and copyright transfer for undergraduate thesis

STATEMENT OF UNDERGRADUATE THESIS, SOURCES OF INFORMATION, AND COPYRIGHT TRANSFER¹²

I hereby declared that my undergraduate thesis entitled “Title of Undergraduate Thesis” is my original work under the supervision of my supervision commission and has not been submitted in anyform to other academic institutions. All information derived from other authors, both published and unpublished are mentioned in the references.

I hereby transfer the copyright of my undergraduate thesis to IPB University.

Bogor, Month Year 20XX

Name
NIM

¹² Copyright transfer in collaborative researsch other institution (non-IPB University) should refer the agreement with those institutions.

Appendix 4a Abstract for undergraduate thesis

ABSTRAK

NAMA MAHASISWA. Judul Skripsi. Dibimbing oleh NAMA PEMBIMBING 1 dan NAMA PEMBIMBING 2.

ABSTRACT

STUDENT NAME. Title of Thesis (skripsi). Supervised by NAME of 1st SUPERVISOR and NAME of 2nd SUPERVISOR.

Abstract is narated in one paragraph, less than 200 words, and written in one page for abstract in Indonesian and English. Abstract consists of background, objectives, material and methods, result with emphasis in the novelty of research, and the implication of the research that are informatively and factually presented. Referring to figures, tables, and refferences is not allowed in abstract. Abbreviation should be explained first if will reused in other part in the abstract.

Kata kunci: written in Indonesian, alphabetical order, maximum five words or phrase.

Keywords: written in English, alphabetical order, maximum five words or phrase.

Lampiran 4b Example of abstract for undergraduate thesis (single space, and no space before and after paragraph)

ABSTRAK

AHMADMUNAWARRANGKUTI. Perubahan *Post Mortem* Udang Vaname (*Litopenaeus vannamei*) Hingga 46 Jam setelah Kematian. Dibimbing oleh EVA HARLINA dan FADJAR SATRIJA.

Dalam dunia forensik veteriner, pembusukan dapat digunakan untuk menentukan waktu kematian hewan. Oleh karena itu, dibutuhkan suatu standar pembusukan pada satwa akuatik, khususnya udang. Penelitian ini bertujuan mempelajari perubahan *post mortem* udang vaname (*Litopenaeus vannamei*) 46 jam setelah kematian. Sebanyak 72 ekor sampel udang dieutanasia pada suhu 16 °C selama 120 menit. Kemudian, udang dibagi menjadi 24 kelompok yang setiap kelompok terdiri atas 3 ekor. Perubahan makroskopik udang diamati setiap 2 jam, yaitu pada jam ke-0, 2, 4, 6, 8, 10, 12, 14, dan 46. Hasil penelitian menunjukkan perubahan setelah kematian, yaitu perubahan otot pada jam ke-2, bau busuk tercium pada jam ke-6, kekeruhan mata terjadi pada jam ke-8, kehadiran lalat mulai tampak pada jam ke-8, kekeruhan air terjadi pada jam ke-12 seiring dengan munculnya lendir, dan konsistensi otot udang menjadi lunak pada jam ke-16. Hasil penelitian ini dapat digunakan sebagai acuan dalam forensik veteriner satwa akuatik khususnya udang air laut.

Kata kunci: forensik veteriner, pembusukan, udang vaname

ABSTRACT

AHMAD MUNAWAWAR RANGKUTI. Post Mortem Changes of Vaname Shrimp (*Litopenaeus vannamei*) until 46 Hours After Death. Supervised by EVA HARLINA and FADJAR SATRIJA

In veterinary forensics, decomposition can be used to determine the time of death of an animal. Therefore, a standard of decomposition is needed for aquatic animals, especially vannamei shrimp. The study aims to determine the post mortem changes of vannamei shrimp (*Litopenaeus vannamei*) during 46 hours after death. A total of 72 samples was euthanized at -16 °C for 120 minutes. Then the shrimps were divided into 24 groups, each group consisted of 3 shrimps. Postmortem changes were observed every 2 hours, i.e. at 0, 2, 4, 6, 8, 10, 12, 14, and 46-hour post-mortem. The results after death showed that muscle discoloration occurred at the second hour, foul odor smelled at the 6th hour, eye opacities occurred at the 8th hour, the presence of flies began to appear at the 8th hour, water turbidity occurred in 12th hour along with the appearance of mucus, and the consistency of the shrimp muscle became soft at 16th hour. The results of this study can be used as a reference in veterinary forensics of aquatic animals, especially seawater shrimp.

Keywords: decomposition, vanname shrimp, veterinary forensic

Appendix 6 Page of copyright in undergraduate thesis

© Hak Cipta milik IPB, tahun 20XX¹³
Hak Cipta dilindungi Undang-Undang

Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan atau menyebutkan sumbernya. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penyusunan laporan, penulisan kritik, atau tinjauan suatu masalah, dan pengutipan tersebut tidak merugikan kepentingan IPB.

Dilarang mengumumkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apa pun tanpa izin IPB.

¹³ Pelimpahan hak cipta atas karya tulis dari penelitian kerja sama dengan pihak luar IPB harus didasarkan pada perjanjian kerja sama yang terkait

Appendix 7b Example of cover in undergraduate thesis

COVER

(Times New Roman font 14)

NAME

(Full name, Times New Roman font 14)

Undergraduate thesis
as one of the requirements to obtain a degree of
Bachelor of Veterinary Medicine
in the School of Veterinary Medicine and Biomedical Sciences

**STUDY PROGRAM OF VETERINARY MEDICINE
SCHOOL OF VETERINARY MEDICINE AND BIOMEDICAL
SCIENCES
IPB UNIVERSITY
BOGOR
20XX**

(Times New Roman font 14)

Appendix 8b Example page for examiners in the undergraduate exam

Examiners in final exam:

- 1 Full name and title
- 2 Full name and title

Appendix 9c Example of validation page

Title :
Name :
NIM :

Approved by

1st supervisor:

Full name and title

2nd supervisor:

Full name and title

Acknowledge by

Head of Veterinary Medicine Study Program:

Full name and title

NIP

Vice Dean for Academic and Student Affairs:

Full name and title

NIP

Date of final exam:

(.....)

Date of graduation:

(date of signing by Vice Dean for Academic and Student Affairs)

