What do recent graduates say about the MS program in Biology?

"The MS program in Biology has skilled, experienced and cooperative faculty who are always willing to help and motivate their students."

- Subodh Adhikari, PhD student, Department of Land Resources and Environmental Sciences, Montana State University.

"The analytical, experimental and technical skills that I took away from the WSU Biology program have proven invaluable in helping set up my career as a researcher."

- Imala Alwis, Senior research officer, Australian Centre for Blood Diseases.

"My time at WSU was immensely important in my development as an investigative researcher. I was able to design and execute a project with the support and guidance of my advisor and the department."

- Katie Coykendall, Microbiologist, Bio-Next Inc.

"I got experience writing grant proposals, participated in scientific conferences and submitted research results to a peer-reviewed journal. The MS program in Biology really prepares you for the future."

- Thomas Rogers, Chemical regulatory specialist, INVISTA, Inc.

"The biology faculty and staff are friendly and of exceptional quality. Taking ecology classes gave me a better understanding about the complexity of living organisms and their adaptations that has proven to be a great resource in my future."

- Suvi Samant, PhD candidate, Department of Biology, Texas State University.

How do I apply?

We're glad you asked.

- Submit to the WSU Graduate School: on-line application form, undergraduate transcripts and TOEFL or IELTS scores (international applicants)

- Submit to the Biology Department: one page statement of research interests, three letters of recommendation from science faculty

Any questions?

Please contact us
Leland Russell, Biology MS program graduate coordinator – leland.russell@wichita.edu, 316-978-6091
www.wichita.edu/biology
Why should I earn my Masters degree in Biology at Wichita State University?

• Masters students are our sole focus in graduate education.
• Research and internship opportunities are available in the medical community and industry in Wichita, the largest city in Kansas.
• Biomedical research activities include a blend of contemporary *in vivo* and *in vitro* technologies.
• The Wichita State Biological Field Station provides >500 acres of prairie, woodland and aquatic habitats for graduate research and classes.
• Graduates are successful in top PhD programs and in careers in medicine, industry, government and teaching.

Contact us and we will be happy to provide you with more reasons!

What topics can I study in the Biology MS program at Wichita State University?

**Our graduate faculty have diverse research interests.**

*Cell, Molecular, Microbiology*
- George Bousfield: Protein biochemistry
- William Hendry: Cancer biology
- Jeffrey May: Reproductive endocrinology
- David McDonald: Mammalian genetics
- Mark Schneegurt: Environmental microbiology
- Bin Shuai: Plant molecular biology
- Paul Wooley: Biomaterials in orthopedic research
- Li Yao: Neurobiology
- Shang-You Yang: Orthopedic research, biomaterials

*Ecology, Evolution, Organismal Biology*
- James Beck: Plant systematics
- Greg Houseman: Plant community ecology
- Mary Liz Jameson: Insect systematics
- Chris Rogers: Avian ecology and conservation
- Leland Russell: Plant-animal interactions

Examples of recent MS theses in Biology
- Human follicle stimulating hormone glycoform abundance during the normal menstrual cycle in women. By Monica Rueda-Santos
- The role of altered microRNA expression in an experimental model of estrogen dependent uterine cancer. By Ramesh Padmanabhan
- The role of auxin in the compatible interaction between *Macrophomina phaseolina* and its plant host *Medicago truncatula*. By KarMen Mah
- Invasive success of *Lespedeza cuneata*: allelopathy and competition. By Katie Coykendall
- Characterization of the bacterial community on the feathers of wild dark-eyed juncos. By Wes Dille

What options does Wichita State University have for an MS in Biology?

Thesis option: research prospectus and thesis based on original research, 30 hours of coursework.

Non-thesis option: 33 hours of coursework, capstone internship or research experience.

What funding opportunities are available to students in the Biology MS program?

Graduate teaching assistantships: awarded on a competitive basis, includes tuition waiver and stipend.

Graduate research assistantships: individual labs may have research funds to support graduate students.