The following CALS majors include the prerequisite courses for professional schools, such as medicine, dentistry, pharmacy and veterinary medicine:

### ANIMAL SCIENCES
**Animal Biology Specialization**
Many pre-vet students select this major because of the practical experiences offered through laboratory courses. Courses include:
- Principles of Animal Nutrition
- Reproductive Physiology and Endocrinology
- Growth and Development

### BIOLOGY
**Pre-Professional Specialization**
This major develops fundamental knowledge of animals, plants and microorganisms. Life sciences electives allow students to explore their interests. Courses include:
- Biochemistry and Molecular Biology
- Physiology
- Genetics

### ENTOMOLOGY AND NEMATOLOGY
**Pre-Professional Specialization**
This biological sciences major focuses on insects and nematodes while giving students flexibility with electives. Courses include:
- Ecology
- Vertebrate Biodiversity
- Medical and Veterinary Entomology

### MICROBIOLOGY AND CELL SCIENCE
Students gain an understanding of the biological world at the cellular and molecular level. Courses include:
- Molecular Genetics
- Bacterial and Viral Pathogens
- Biochemistry

### NUTRITIONAL SCIENCES
If you have ever wondered if you really are what you eat, this is the major for you. It emphasizes the role of nutrition in health and disease. Courses include:
- Nutrition and Disease
- Nutrition Through the Life Cycle
- Nutrition and Metabolism

### WILDLIFE ECOLOGY AND CONSERVATION
**Pre-Professional Specialization**
This major applies biological, social, physical and management sciences to wildlife and natural resources. Courses include:
- Wildlife Ecology and Management
- Genetics
- Conservation Biology

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**FOR MORE INFORMATION CONTACT:**

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