ANIMAL GENETICS CERTIFICATE

The Animal Genetics certificate provides a background in Mendelian, population, and quantitative genetic inheritance, in-depth knowledge of genetic improvement and management programs, and the application of genetic principles towards the improvement of the health and production of livestock and domestic animals.

About this Program

- **College**: Agricultural and Life Sciences ([http://catalog.ufl.edu/UGRD/colleges-schools/UGAGL/](http://catalog.ufl.edu/UGRD/colleges-schools/UGAGL/))
- **Credits**: 11

Certificates must contain at least nine credits of coursework that are unique to that program out of all other certificates and minors.

Department Information

The Department of Animal Sciences creates new solutions to tomorrow's problems in the areas of teaching, research, and extension, by integrating the most modern technologies available with personal expertise and attention to the needs of both students and industry. Website ([https://animal.ifas.ufl.edu/](https://animal.ifas.ufl.edu/))

CONTACT

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Map ([http://campusmap.ufl.edu/#/index/0459](http://campusmap.ufl.edu/#/index/0459))

Curriculum

- Animal Genetics Certificate
- Animal Sciences
- Combination Degrees

Students of sophomore standing or higher may enroll in this certificate, or with department permission.

Required Courses

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>ANS 4382</td>
<td>Equine Genetics</td>
<td>2</td>
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<tr>
<td>ANS 4383</td>
<td>Genetic analyses of complex traits in livestock</td>
<td>3</td>
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<td>ANS 3384C</td>
<td>Genetics of Domestic Animals</td>
<td>3</td>
</tr>
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<td>ANS 4388</td>
<td>Canine and Feline Genetics</td>
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<td><strong>Total Credits</strong></td>
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