BIOLICAL SCIENCE  BS

College of Natural Science

161  Cell and Molecular Biology
Fall, Spring, Summer. 3(3-0) Interdepartmental with Biochemistry and Molecular Biology and Microbiology and Molecular Genetics. Administered by Biological Science. P: (CEM 141 or concurrently) or (CEM 151 or concurrently) or (LB 171 or concurrently) or (CEM 181H or concurrently) or (LB 171 or concurrently) or (CEM 181H or concurrently) SA: BS 111, BS 149H Not open to students with credit in BS 181H or LB 145.

162  Organismal and Population Biology
Fall, Spring, Summer. 3(3-0) Interdepartmental with Plant Biology and Zoology. Administered by Biological Science. P: BS 161 or BS 181H or LB 145 SA: BS 110, BS 148H Not open to students with credit in BS 182H or LB 144.

171  Cell and Molecular Biology Laboratory
Fall, Spring, Summer. 2(1-3) Interdepartmental with Biochemistry and Molecular Biology and Microbiology and Molecular Genetics. Administered by Biological Science. P: (BS 161 or concurrently) or (BS 181H or concurrently) SA: BS 111L, BS 159H Not open to students with credit in BS 191H or LB 145.
Principles and applications of common techniques used in cell and molecular biology.

172  Organismal and Population Biology Laboratory
Fall, Spring, Summer. 2(1-3) Interdepartmental with Plant Biology and Zoology. Administered by Biological Science. P: (BS 162 or concurrently) or (BS 182H or concurrently) SA: BS 110, BS 159H Not open to students with credit in BS 192H or LB 144.
Nature and process of organismal biology, including experimental design and statistical methods, hypothesis testing, genetics, ecology, and evolution.

181H  Honors Cell and Molecular Biology
Spring. 3(3-0) Interdepartmental with Biochemistry and Molecular Biology and Lyman Briggs and Microbiology and Molecular Genetics. Administered by Biological Science. P: BS 181H or concurrently SA: BS 159H, BS 111L Not open to students with credit in BS 171 or LB 145.
Basic techniques of cellular and molecular biology including experimental design and hypothesis formulation; biochemistry, molecular biology and genetics.

191H  Honors Cell and Molecular Biology Laboratory
Spring. 2(1-3) Interdepartmental with Biochemistry and Molecular Biology and Lyman Briggs and Microbiology and Molecular Genetics. Administered by Biological Science. P: BS 181H or concurrently SA: BS 159H, BS 111L Not open to students with credit in BS 171 or LB 145.
Basic techniques of cellular and molecular biology including experimental design and hypothesis formulation; biochemistry, molecular biology and genetics.

192H  Honors Organismal and Population Biology Laboratory
Fall. 2(1-3) Interdepartmental with Lyman Briggs and Plant Biology and Zoology. Administered by Biological Science. P: BS 182H or concurrently SA: BS 158H, BS 110 Not open to students with credit in BS 172 or LB 144.
Nature and process of organismal biology, including experimental design and statistical methods, hypothesis testing, genetics, ecology, and evolution.