

**Sample Four-Year Course Load
Bachelor of Science in Fisheries**

| Course # | Title | Credits | Frequency | Instructor |
|-----------------------------|---|------------|---------------------------------|------------------------|
| <i>Freshman – Fall</i> | | | | |
| ENGL 111X | Methods of Written Communication | 3 | every semester | Eng. Dept. Staff |
| FISH 101 | Introduction to Fisheries | 3 | every fall | A. Rosenberger |
| LS 100X/101X | Library and Information | 1 | every semester | Library Staff |
| BIOL 115X | Fundamentals of Biology I | 4 | every semester | D. Kind |
| CHEM 105X | General Chemistry | 4 | every semester | Chem. Staff |
| Semester Credits | | 15 | | |
| <i>Freshman – Spring</i> | | | | |
| ENGL 211X | Academic Writing about Lit (formally Intr. Expo) | 3 | every semester | Eng. Dept. Staff |
| STAT 200 | Elementary Probability and Statistics | 3 | every semester | Stat. Dept. Staff |
| COMM 141X | Fundamentals of Oral Communication | 3 | every semester | Comm. Dept. Staff |
| BIOL 116X | Fundamentals of Biology II | 4 | every semester | D. O'Brien |
| CHEM 106X | General Chemistry | 4 | every semester | Chem. Staff |
| Semester Credits | | 17 | | |
| <i>Sophomore – Fall</i> | | | | |
| MATH 200X/202X | Calculus I or Calculus for Life Sciences | 4 | every semester | Math Dept. Staff |
| MSL 111X | The Oceans | 4 | every semester | J. Mathis/D. Stockwell |
| PHYS 103X | College Physics I | 4 | every fall | C. Price |
| ECON 100X | Political Economy | 3 | every semester | Econ. Dept. Staff |
| ENGL 200X | World Literature | 3 | every semester | Eng. Dept. Staff |
| Semester Credits | | 18 | | |
| <i>Sophomore – Spring</i> | | | | |
| ART/MUS/THR 200X | Aesthetic Appreciation: Interrelation of Art | 3 | every semester | Art Dept. Staff |
| ECON 200/ECON 235 | Principles of Economics/Intro. to Nat. Res. Economics | 3 | every semester | D. Reynolds |
| FISH 288 | Marine & Freshwater Fishes of Alaska | 3 | every spring | New Physiology Pos. |
| | Physical Science Elective | 4 | every semester | |
| Semester Credits | | 13 | | |
| <i>Junior – Fall</i> | | | | |
| BIOL 271 | Principles of Ecology | 4 | every fall | Bio. Dept. Staff |
| ANTH/SOC 100X | Individual, Society, and Culture | 3 | every semester | Anth. Dept. Staff |
| FISH 315 | Fisheries Techniques | 4 | every fall | T. Sutton |
| HIST 100X | Modern World History | 3 | every semester | History Dept. Staff |
| | Fisheries/Science Elective | 3 | every semester | |
| Semester Credits | | 17 | | |
| <i>Junior – Spring</i> | | | | |
| STAT 401 | Regression & Analysis of Variance | 4 | every semester | Stat. Dept. Staff |
| FISH 427 | Ichthyology | 4 | every spring | New Curator Pos. |
| BIOL 362 | Principles of Genetics | 4 | every semester | Bio. Dept. Staff |
| | Fisheries/Science Elective | 3 | every semester | |
| Semester Credits | | 15 | | |
| <i>Senior – Fall</i> | | | | |
| ENGL 414W | Research Writing | 3 | every fall | Eng. Dept. Staff |
| | Fisheries/Science Elective | 3 | every semester | |
| BIOL 473W/MSL 411 | Limnology or Current Topics in Ocean. Research | 3 | every fall/alt. fall (even yrs) | Jones/Kelley |
| FISH 425 | Fish Ecology | 3 | every fall | A. Rosenberger |
| | Fisheries/Science Elective | 4 | every semester | |
| Semester Credits | | 16 | | |
| <i>Senior – Spring</i> | | | | |
| BIOL 310 | Animal Physiology | 4 | every spring | P. Barboza |
| FISH 487 | Fisheries Management | 3 | every spring | T. Sutton |
| FISH 490 | Experiential Learning Internship | 1 | every semester | A. Rosenberger |
| NRM 303X | Environmental Ethics and Actions | 3 | every spring | J. Fox |
| | Free Electives | 4 | | |
| Semester Credits | | 15 | | |
| Total Earned Credits | | 126 | | |