

Data Analysis Data Science



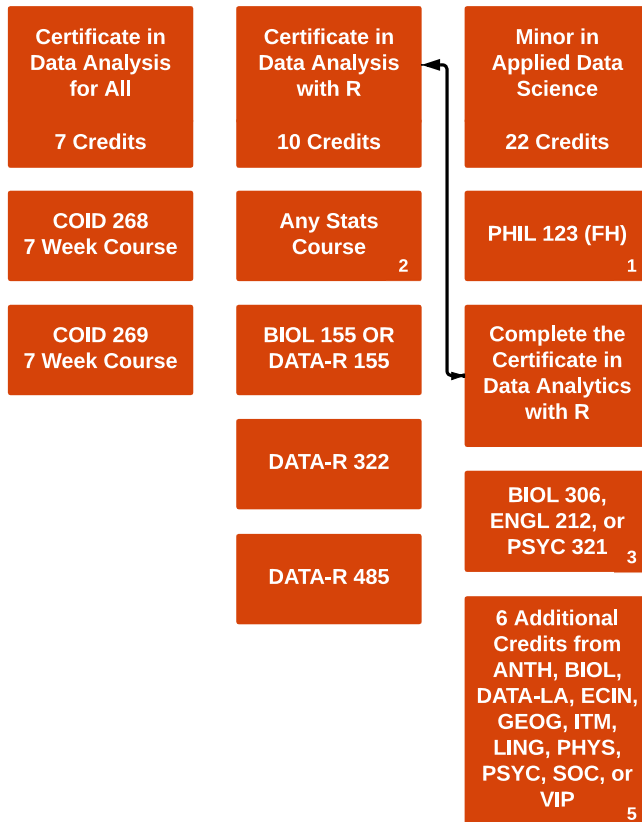
BOISE STATE UNIVERSITY

COLLEGE OF ARTS AND SCIENCES

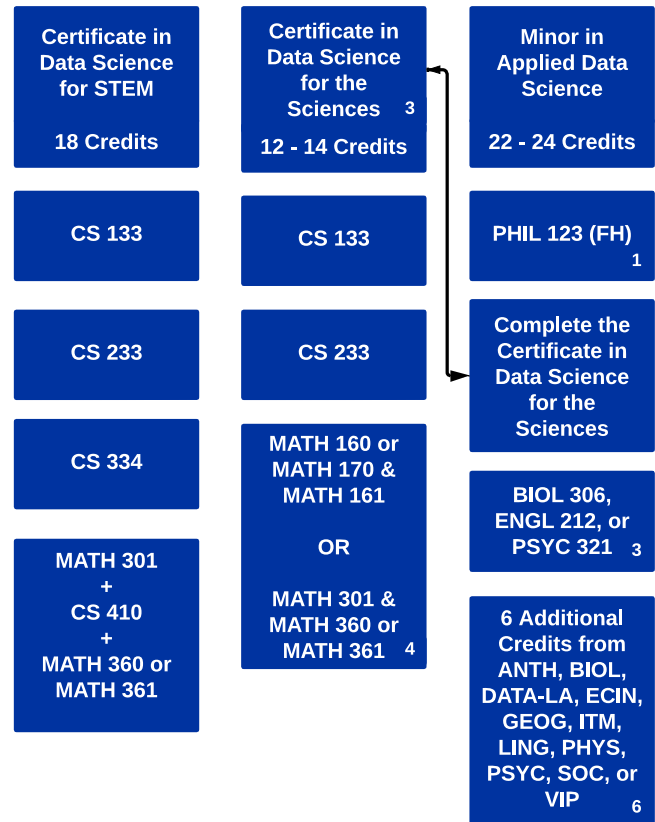
Department of Biological Sciences

Certificates & Minors

R Emphasis



Python Emphasis



Biology Majors Advising Notes

- 1) Choose PHIL 123 as your Foundations of Humanities Course (FH).
- 2) MATH 254 required for Biology BS.
- 3) BIOL 306 highly recommended.
- 4) MATH 160 or MATH 170 are already required, you'll only need to add MATH 161.
- 5) Work with your advisor! You could earn the certificate in Applied Data Science with only 7 additional credits added to your Biology BS degree requirements (R Emphasis).
- 6) Work with your advisor! You could earn the minor in Applied Data Science with only 10 additional credits added to your Biology BS degree requirements (Python Emphasis).
- 7) Or successful completion of COBE Computer Placement Exam for ITM 105 & ITM 106

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Department of Biological Sciences

Certificates & Minors

Industry Specific

<p>Certificate in Business Analysis</p> <p>18 - 19 Credits</p>	<p>Certificate in Health Data Management</p> <p>15 Credits</p>	<p>Minor in Health Data Management</p> <p>21 Credits</p>
ITM 105 and ITM 106 or COBE Exam ⁷	ITM 105 and ITM 106 or COBE Exam ⁷	ITM 105 and ITM 106 or COBE Exam ⁷
ITM 310	HIIM 320	HIIM 320
ITM 315	HIIM 322	HIIM 321
ITM 430	HLTH 101	HIIM 322
Take One: BUSSTAT 307 MATH 254 MATH 360 or MATH 361 ²	HLTH 210	HIIM 420
		HLTH 101
Take One: ACCT 350 ECON 342 FINAN 440 ITM 340 ITM 415 or MKTG 315		HLTH 210

Other Specialities

<p>Minor in Geospatial Information Analysis</p>	<p>Certificate in Drone Operations for Visualization, Research, and Resource Management</p>	<p>Google Career Certificates at Boise State</p>
<p>GEOG360, GEOG361, GEOG430, ITM104, ITM105, ITM106, (GEOG 101 OR 102), (GEOG 460 OR 493), & (MATH 254 OR 361)</p> <p>22 Credits ⁷</p>	<p>COID 481, COID 482, COID 483, COID 484</p> <p>7 Credits</p>	<p>Gain essential skills like data presentation and visualization. Build your career with industry certifications.</p> <p>7 week Courses 7 Credits</p>