

Summary of Skill Sets Developed in Various Biology Courses

Skills	Courses
Scientific Writing	
<i>Lab Reports</i>	2240F/G, 2660A/B, 2471A/B, 2672A/B, 3218F/G, 3625F/G, 3436F, 3466B, 4218A, 4338G, 4582
<i>Lab notebook</i>	2290F/G, 4970F/G, 4999E
<i>Mini-essays (1-5 pgs)</i>	2471A/B, 2290F/G, 4436G, 4243G
<i>Major papers (>5 pgs)</i>	3404F/G, 3218F/G, 3326F/G, 3442F/G, 3446B, 3596A/B, 4607G, 4611B, 4323G, 4436F/G, 4338G, 4441F, 4443G, 4970F/G, 4259F, 4941E, 4943E, 4999E
<i>Poster presentation</i>	2290F/G, 3326F/G, 4943E
Oral Communication	
<i>Group seminars</i>	2471A/B, 2672A/B, 2383A, 2290F/G
<i>Individual Presentations</i>	2660A/B, 2485B, 3218F/G, 3326F/G, 4607G, 4436F, 4443b, 497F/G, 4941E, 4943E, 4999E
<i>Debates</i>	4441F, 4443b, 4941E, 4943E
Analytical	
<i>Collection and analysis of data</i>	2244A/B, 2660A/B, 2471A/B, 2272A/B, 2290F/G, 3625F/G, 3326F/G, 3436F/G, 3596A/B, 3592A, 4218A, 4436F/G, 4338G, 4970F/G, 4259F/G, 4560B, 4582, 4999E
<i>Statistical analysis</i>	2244A/B, 2672A/B, 2290F/G, 3625F/G, 3436F, 3466B, 4970F/G, 4259F, 4999E
<i>Computer skills (e.g. MS Excel, SPSS)</i>	2244A/B, 2672A/B, 2290F/G, 3436F/G, 3466b, 4259F
Experimental Design	2217B, 2471A/B, 2290F/G, 3404F/G, 3218G, 3625F/G, 3326F/G, 3336F, 3592A, 4218A, 4436F/G, 4338G, 4560B, 4970F/G, 4999E
Lab skills (e.g. microscope use, lab techniques, etc.)	2404A, 2660A/B, 2672A/B, 2290F/G, 3625F/G, 3326F/G, 3592A, 3596A/B, 4218A, 4438G, 4970F/G, 4560B, 4582, 4999E
Field skills (e.g., observation, collection, experimentation and identification of organisms in natural habitats)	2404a, 3220y, 4970F/G, 4999E
Literature search/information retrieval	2471A/B, 2672A/B, 2485B, 2290F/G, 3218F/G, 3625F/G, 3442F, 3446B, 3596A/B, 4411F, 4607G, 4436F/G, 4338G, 4970F/G, 4259F, 4560B 4941E, 4582, 4999E
Literature critique	3442F/G, 3446B, 3596A/B, 4607G, 4436F/G, 4338G, 4441F, 4941E
Problem solving	2581b, 2290F/G, 3442F/G, 3466B, 3592A, 4970F/G, 4560B, 4582, 4999E