

Ranking for Entry into Year 4 Honors Specialization (HSP) modules – Calculation of the Weighted Average

Honors Specialization Module	Foundation Courses	Additional Modular Courses (primarily from the Basic Medical Sciences)	Weighted Average*
Biochemistry	Biochemistry 2280A; Biology 2581B; Biology 2244A/B or Stats 2244A/B; 1.0 course from Chemistry 2213A/B and 2223B, or Chemistry 2273A and 2283G; 1.0 course from Biology 2382B, Biology 2290F/G, Chemistry 2211A/B, 2214A/B, 2274A, 2284B.	Biochemistry 3380G; Biochemistry 3381A; Biochemistry 3382B; Biochemistry 3390A	33% (average in Foundation courses) + 67% (average in Additional Modular courses)
Biochemistry and Cell Biology	Biochemistry 2280A; Biology 2581B, 2382B, 2290F/G; Biology 2244A/B or Stats 2244A/B; 1.0 course from Chemistry 2213A/B and 2223B, or Chemistry 2273A and 2283G;	Biochemistry 3380G; Biochemistry 3381A; Biochemistry 3382B; Biology 3316A; Biology 3326F/G; Anatomy & Cell Biology 3309	33% (average in Foundation courses) + 67% (average in Additional Modular courses)
Biochemistry of Infection and Immunity	Biochemistry 2280A; Biology 2581B, 2382B, Biology 2290F/G; Biology 2244A/B or Stats 2244A/B; 1.0 course from Chemistry 2213A/B and 2223B, or Chemistry 2273A and 2283G;	Biochemistry 3380G or Microbiology & Immunology 3600G; Biochemistry 3381A; Biochemistry 3382B; Microbiology & Immunology 2100A, 3300A and 3400B	33% (average in Foundation courses) + 67% (average in Additional Modular courses)
Chemical Biology	Biochemistry 2280A; Biology 2581B; Chemistry 2271A, 2281G, 2272F, 2273A, 2283G, 2374A, 2384B	Biochemistry 3380G, 3381A, 3382B; 1.0 course from Chemistry 3371F, 3372F/G, 3373F, 3374A/B	33% (average in Foundation courses) + 67% (average in Additional Modular courses)
Clinical Biochemistry	Biochemistry 2280A; Biology 2581B; Biology 2244A/B or Stats 2244A/B; 1.0 course from Chemistry 2213A/B plus 2223B, or Chemistry 2273A plus 2283G; 1.0 course from Biology 2382B, 2290F/G, Chemistry 2214A/B, 2211A/B, 2374A, 2384B;	Biochemistry 3381A, 3382B, 3385A, 3386B and 3387G	33% (average in Foundation courses) + 67% (average in Additional Modular courses)
Medical Biophysics	Biochemistry 2280A; Chemistry 2213A/B; Physics 2101A/B, 2102A/B; Calculus 2502A/B or 2302A/B; Calculus 2503A/B or 2303A/B; Stats 2244A/B or Biology 2244A/B; 0.5 course from Chemistry 2214A/B, Biology 2581B or Biology 2382B.	Medical Biophysics 3501F, 3503G, 3505F, 3507G, 3970Z, 3330F	33% (average in Foundation courses) + 67% (average in Additional Modular courses)

Honors Specialization Module	Foundation Courses	Additional Modular Courses (primarily from the Basic Medical Sciences)	Weighted Average*
Medical Cell Biology	Biochemistry 2280A; Biology 2581B, 2382B, 2290F/G; Biology 2244A/B or Stats 2244A/B; 1.0 course from Chemistry 2213A and 2223B, or Chemistry 2273A and 2283G.	Biochemistry 3381A, 3382B; Anatomy & Cell Biology 3309; Biology 3316A; Biochemistry 3380G or Biology 3326F/G	33% (average in Foundation courses) + 67% (average in Additional Modular courses)
Medical Sciences	Biochemistry 2280A; Biology 2581B, 2382B, 2290F/G; Chemistry 2213A/B or 2273A; Chemistry 2223B or a 0.5 course in Chemistry at the 2000- or 3000-level; Biology 2244A/B or Stats 2244A/B.	3.0, 2000 or 3000-level courses from the Basic Medical Sciences. If more than 3.0 Basic Medical Science courses are taken, the 3.0 with the highest marks will be considered.	33% (average in Foundation courses) + 67% (average in Additional Modular courses)
Microbiology and Immunology	Biochemistry 2280A; Biology 2581B, 2382B, 2290F/G; Chemistry 2213A/B; Chemistry 2223B; Biology 2244A/B or Stats 2244A/B	Microbiology & Immunology 2100A; Biochemistry 3381A; Microbiology & Immunology 3300A; 3400B; 3600G	33% (average in Foundation courses) + 67% (average in Additional Modular courses)
Pathology and Toxicology	Biochemistry 2280A; Biology 2244A/B or Stats 2244A/B; Chemistry 2213A/B; 1.0 course from Biology 2581B, 2382B, 2290F/G; 0.5 course from Chemistry 2211A/B, 2214A/B or 2223B;	Pathology 3240A, 3245B; Pharmacology 3620; Anatomy & Cell Biology 3309 or 3319; Physiology 3120; Physiology 3140A or Epidemiology & Biostatistics 3330B	33% (cumulative average after Year 3**) + 33% (Foundation courses plus any Additional Modular course taken) + 34% (average in Pathology 3240A, 3245B; Pharmacology 3620)
Pharmacology	Biochemistry 2280A; Biology 2581B, 2382B, 2290F/G; Chemistry 2213A/B; Biology 2244A/B or Stats 2244A/B	Pharmacology 3620, 3580Y; Physiology 3120, 3140A	33% (average in Foundation courses) + 67% (average in Additional Modular courses)
Physiology	Biochemistry 2280A; Biology 2581B, 2382B, 2290F/G; Chemistry 2213A/B; Biology 2244A/B or Stats 2244A/B	Physiology 3120, 3140A, 3130Y	33% (average in Foundation courses) + 67% (average in Additional Modular courses)
Physiology and Pharmacology	Biochemistry 2280A; Biology 2581B, 2382B, 2290F/G; Chemistry 2213A/B; Biology 2244A/B or Stats 2244A/B	Physiology 3120, 3140A, 3130Y; Pharmacology 3620, 3580Y	33% (average in Foundation courses) + 67% (average in Additional Modular courses)

*When calculating averages, marks in full-year courses are counted twice and the total is divided by the number of 0.5 course equivalents.

** Cumulative average is the average of all courses taken at Western to date