MCBS Fall 2017 Registration Newsletter

Registration for Fall 2017

Below we highlight some of the exciting courses that are being offered in Fall 2017. For a complete listing, please go to the Fall 2017 Time and Room Schedule.

Registration windows will open as follows:

- Seniors: 4/24 – 5/8
- Juniors: 4/26 – 5/8
- Sophomores: 5/1 – 5/8
- Freshman: 5/4 – 5/8
- Web registration reopens July 12 and closes September 5, 2017.

If you haven't already, please contact your academic advisor to discuss your fall courses and to obtain your RAC for online registration.

*****Students should check DegreeWorks before meeting with their advisor to be well-prepared for meeting with their advisor. *****

General Microbiology now 2 courses

BMS 503 *General Microbiology* (5 credits) is now offered as BMS 503 (lecture for 3 credits) and BMS 504 (lab for 2 credits). BMS 503 & 504 are coreqs and must be taken together.

Courses likely to Fill Up Quickly

BIOL 411	BMS 703
BMCB 658/659	BMS 705/715
BMCB 753	BMS 712
BMCB 754	GEN 604
BMS 501	GEN 711
BMS 503	GEN 717
BMS 507	NUTR 610
BMS 655	NUTR 775

If you are unable to register for an MCBS-sponsored course that is full, you can alert the instructor of your interest in gaining admission into the course with the MCBS Closed Course form. Submitting this form does not ensure that you will be admitted into the course you desire. In fact, during the online registration period, your best strategy is to regularly check the availability of the course/section that you desire to get into, in the event that another student drops the course you want.

Courses now in both Spring & Fall

- NUTR 476 – Nutritional Assessment - Staff
- NUTR 720 – Community Nutrition – J. Burke

Course moving from Spring to Fall

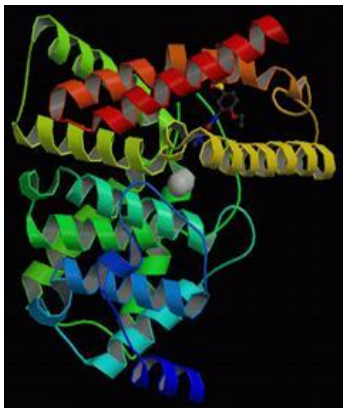
- NUTR 730 – From Seed to Sea: Examining Sustainable Food – J. Burke

Courses likely to have open seats

BMCB 751 – Principles of Biochemistry – C. Denis
BMCB 763 – Biochemistry of Cancer – B. Barth
BMCB 794 – Protein Structure & Function – F. Chu
BMS 635 – Preceptorial in Prehospital Care – M.K. Lockwood
BMS 650 – Molecular Diagnostics – M. Chen
BMS 656 – Immunohematology – A. Marone
BMS 657 – Blood Banking Laboratory – A. Marone
BMS 702 – Endocrinology – P. Tsang
BMS 716 – Public Health: Food/Waterborne Disease – A. Margolin
BMS 719 – Host-Microbe Interactions – T. Montminy
GEN 771 – Molecular Genetics – J. Collins
NUTR 650 – Life Cycle Nutrition – R. Reilly
NUTR 740 – Nutrition for Children w/ Special Needs – Staff
NUTR 750 – Nutritional Biochemistry – Staff

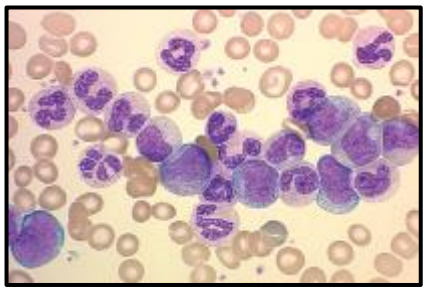
Featured Courses Being Offered In Fall 2017 Semester

BMCB 794 – Protein Structure and Function
Credits: 4.00
Analysis of how the three-dimensional architecture of soluble and membrane proteins contributes to their biochemical function. Topics include methods for determining the structure of proteins, protein folding, protein targeting, and mechanisms of enzyme catalysis. Computer resources will be used for protein modeling and structural prediction. Prereq: BMCB 658 or BMCB 751.



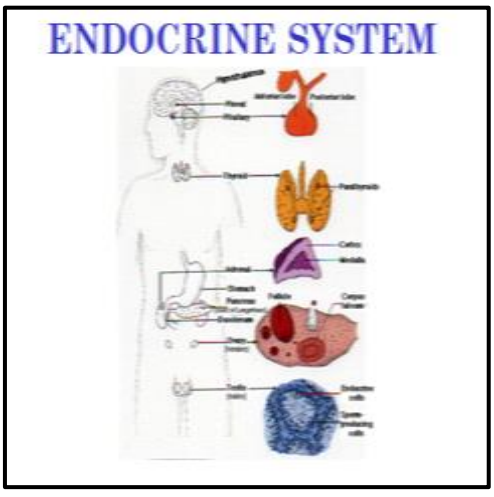
BMCB 794 (CRN 15528)
Mondays/Wednesdays 3:10-4:30 p.m.; Rudman 110
Instructor: Feixia Chu

BMS 644 – Clinical Hematology
Credits: 3.00
Human blood cell physiology in both health and disease. Includes benign and malignant conditions of red blood cells and white blood cells.



BMS 644.01 (CRN 12461)-BMS:MLS majors ONLY
BMS 644.02 (CRN 14029) – all majors
Mondays/Wednesdays/Fridays 10:10-11:00 a.m.; Rudman G89
Instructor: Stephanie Clarke

BMS 702 - Endocrinology
Credits: 4.00
Structure and function of vertebrate endocrine systems through the lens of physiology, biochemistry, and cell and molecular biology, with special reference to mammals. Current investigations of the body's major endocrine glands, such as the brain, thyroid, pancreas, adrenals and gonads, as regulators and integrators of biological systems. Prereq: BMCB 658 or BMCB 751; BMCB 605 recommended.



BMS 702 (CRN 13051)
Tuesdays/Thursdays 8:10-9:30 a.m.; Rudman G89
Wednesday 12:10-1:00 p.m.; Rudman G89
Instructor: Paul Tsang

BMS 716 – Public Health and Waterborne Disease
Credits: 4.00
How and why food-borne and water-borne agents (virus, protozoal, bacterial and toxic material) are still prevalent within our society with focus on the roles of government, disease and epidemiology, and sources of anthropogenic pollution. Field trips to wastewater plant and/or drinking water plant, town meetings and/or public policy hearings. Prereq: BMS 503. Special fee. Writing intensive. Lab.

Only listed majors in section: BMS:MEDMICRO, BMS:MEDVETSCI
Others may sign up for the course with instructor permission.

BMS 716 (14032)
Tuesdays/Thursdays 12:40-2:00 p.m.; James G54
Tuesday 2:10-4:00 p.m.; SLS G16
Instructor: Aaron Margolin

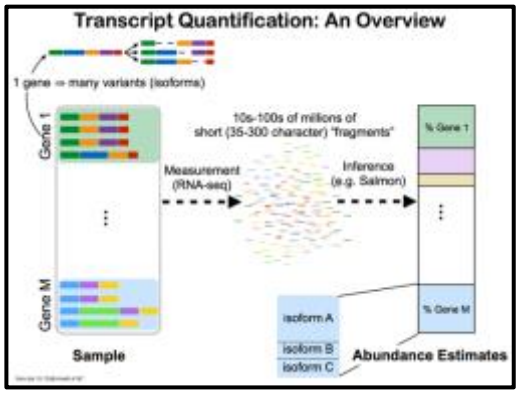
BMS 719 – Host-Microbe Interactions
Credits: 4.00
An examination of the way microorganisms interact with their hosts, with an emphasis on the pathogenic and commensal organisms of humans. Course material is introduced via reading, analysis and group presentations of primary scientific literature. Students are not only introduced to different types of host- microbe interactions, but different methods, systems and model organisms used to study these interactions. Prereq: BMS 501 or BMS 503; GEN 604.

Enteropathogenic *E. coli* induces the formation of pedestals on the host cell surface. *(Photo courtesy of the Finlay Lab, University of British Columbia).*

Only listed classes in section: Junior, Senior
Only listed majors in section: BMS:MEDLABSCI, BMS:MEDMICRO, BMS:MEDVETSCI, GENETICS

BMS 719 (CRN 16590)
Mondays/Wednesdays/Fridays 9:10-10:00 a.m.; Kendall 202
Instructor: Timothy Montminy

GEN 711 – Genomics and Bioinformatics
Credits: 4.00
The methods, applications, and implications of genomics--the analysis of whole genomes. Microbial, plant and animal genomics are addressed, as well as medical, ethical and legal implications. The lab provides exposure and experience on a range of bioinformatics approaches--the computer applications used in genome analysis. Prereq: GEN 604. Computer lab.



GEN 711 (CRN 14082)
Mondays/Wednesdays/Fridays 11:10 a.m.-12:00 .m.; Rudman G89
Friday 1:10-3:00 p.m.; Hewitt 301
Instructor: Matthew MacManes
