



UNIVERSITY OF SAN CARLOS
The Library System
Science & Technology Section



Acquisitions List: College of Arts and Sciences
1st Semester 2014-2015

Data processing/Computer science/Computer methods

- Al Agha, Khaldoun.(2012). *Network coding*. London: ISTE. 004.6/N38
- Alexander, M., & Kusleika, D. (2013). *Access 2013 Bible*. Indianapolis, IN: John Wiley & Sons. 005.7565/AI26
- Basta, A. (2012). *Linux operations and administration*. Clifton Park, N. Y: Delmar. 005.432 B29
- Basta, A., Delong S., & Basta, N. (2014). *Mathematics for information technology*. Australia: Delmar Cengage Learning. 004.0151/B29
- Bishop, S., Shuman, J. E., & Waxer, B. (2013). *The Web collection: Adobe Dreamweaver CS6, Flash CS6, Fireworks CS6*. Albany, N. Y: Delmar. 006.78/B54
- Bishop, S. (2013). *Adobe Dreamweaver CS6*. Manson, Ohio: South- Western. 006.786/B54
- Black, R., Veenendaal, E., & Graham, D. (2012). *Foundations of software testing: ISTQB certification*. 3rd ed. Andover: Cengage Learning. 005.14/B56
- Bojack, H. (2013). *New perspective on blended HTML, XHTML, and CSS*. Manson, 3rd ed. Ohio: South- Western. 006.74/B63
- Bucki, L. (2013). *Microsoft® Word 2013 bible*. Indianapolis, IN: John Wiley & Sons. 005.52/B85
- Buyya, R., Vecchiola, C., & Selvi, S. T. (2013). *Mastering cloud computing: Foundations and applications programming*. Waltham, MA: Morgan Kaufmann. 004.6782/B98
- Chappell, L. (2013). *Guide to TCP/IP*. Australia: Course Technology Cengage Learning. 004.62/C23
- Cisco Networking Academy Program. (2011). *IT essentials*. 4th ed. Indianapolis, Ind: Cisco Press. 004/In3

- Dale, N. B., Joyce, D. T., & Weems, C. (2012). *Object oriented data structures using Java*. 3rd ed. Sudbury, MA: Jones & Barlett Learning. 005.117/D15
- Dale, N. B. (2003). *C++ plus data structures*. 5th ed. Boston, MA: Jones and Bartlett. 005.73/D15
- Deitel, P. J., Deitel, H. M., & Sengupta, P. (2012). *C++: How to program*. 8th ed. Boston, Mass: Prentice Hall. 005.133/D36
- Eckert, J. W. (2012). *Linux+ guide to Linux certification*. 3rd ed. Boston, Mass: Course Technology/Cengage Learning. 005.446/Ec57
- Ford, N. (2012). *The essential guide to using the Web for research*. London: Sage Publications. 001.4202854678/F75
- Gaddis, T. (2013). *Starting out with programming logic design*. Rev. ed. Boston: Pearson. 005.1 G11
- Garrido, J. M., Schlesiinger, R., & Hoganson, K. E. (2013). *Principles of modern operating systems*. 2nd ed. Burlington, MA: Jones & Bartlett Learning. 005.43/G19
- Gomes, J., Velho, L., & Costa, S. M. (2012). *Computer graphics: theory and practice*. Boca Raton, Fla: AK Peters/Taylor & Francis. 006.6/G58
- Hillier, F. S., Hillier, M. S., Schmedders, K., & Stephens, M. (2014). *Introduction to management science: a modeling and case studies approach with spreadsheets*. 5th ed. New York: McGraw-Hill Higher Education. 005.54/H55
- Holmes, W. M. (2014). *Using propensity scores in quasi-experimental designs*. Thousand Oaks, California : SAGE Publications, Inc. 001.434/H73
- Jamsa, K. (2014). *Introduction to web development using HTML 5*. Burlington, Mass. : Jones & Bartlett Learning. 006.74/J24
- Kimball, R., & Ross, M. (2013). *The data warehouse toolkit: the definitive guide to dimensional modeling*. 3rd ed. Hoboken: Wiley. 005.74/K56
- Kung, D. C. (2014). *Object oriented software engineering: an agile unified methodology*. New York: McGraw- Hill. 005.117/K96
- Kuhn, D. R., Kacker, R. N., & Lei, Y. (2013). *Introduction to combinatorial testing*. Boca Raton, FL: CRC Press. 005.30287/K95
- Ledolter, J. (2013). *Data mining and business analytics with R*. Hoboken, N.J: Wiley. 006.312/L49
- Levine, E. S. (2013). *Applying analytics: a practical introduction*. (Ebook Library.) Boca Raton, FL: CRC Press, Taylor & Francis. 001.42/L57
- MacCormick, J. (2012). *Nine algorithms that changed the future: the ingenious ideas that drive today's computers*. Princeton: Princeton University Press. 006.3/M13

- Matthews, M. S. (2013). *Windows 8*. New York: McGraw-Hill. 005.446/M43
- Memon, Q. A. (2014). *Distributed networks: intelligence, security, and applications*. Boca Raton: CRC Press, Taylor & Francis Group. 005.8/D63
- Mohammed, M., & Pathan, A.-S. K. (2013). *Automatic defense against zero-day polymorphic worms in communication networks*. Boca Raton: CRC Press. 005.8/M72
- Nemeth, E. (2011). *UNIX and LINUX system and administration handbook*. 11th ed. Upper Saddle River, NJ : Boca Raton Hall. 005.432/N34
- Nudelman, Greg. (2013). *Android design patterns: interaction design solutions for developers / Greg Nudelman*. Indianapolis, Ind. : Wiley. 005.25/N88
- Opelt, A., Gloger, B., Pfarl, W., & Mittermayr, R. (2013). *Agile contracts: Creating successful IT projects with Scrum*. 005.1/Op21
- Parker, M., & Dhanani, S. (2013). *Digital video processing for engineers: a foundation for embedded system design*. Oxford: Newnes. 006.69602462/P22
- Parsons, J. J., & Oja, D. (2011). *Practical computer literacy: Internet and computing core certification*. 3rd ed. Australia: Course Technology, Cengage Learning. 004/P25
- Sanchez, J., & Canton, M. P. (2012). *Embedded system circuits and programming*. Boca Raton, FL: CRC Press. 006.22/Sa55
- Sayood, K. (2012). *Introduction to data compression*. 4th ed. Waltham, MA: Morgan Kaufmann. 005.746/Sa99
- Schreyer, A. (2013). *Architectural design with sketchup. components – based modeling, plugins, rendering and scripting*. Hoboken, N. J: Wiley. 006.68/Sch73
- Scobey, P., & Lingras, P. (2013). *Web programming and Internet technologies: an E-commerce approach*. Burlington, MA: Jones & Bartlett Learning. 006.7/Sco15
- Sharon, T. (2012). *It's our research: getting stakeholder buy- in for user experience research projects*. Amsterdam: Elsevier. 005.437/Sh23
- Smooth, S. R., Tan, N.K. (2012). *Private cloud computing: consolidation, virtualization, and service – oriented infrastructure*. Waltham, MA: Morgan Kaufmann. 004.6782/Sm79
- Snyder, L. (2013). *Fluency with information technology: skills, concepts, & capabilities*. Harlow, England: Pearson Education. 004/Sn92
- Sokolowski, J.A., C. M. (2012). *Handbook of real- world applications in modeling and stimulation*. Hoboken, N. J.: Wiley. 003/So39
- Spencer, S. (2012). *ZBrush creature design: creating dynamic concept imagery for film and games*. Indianapolis, Ind: Wiley. 006.693/Sp33

- Starks, J. (2013). *Adobe photoshop CS6: complete*. Boston, Mass: Course Technology. 006.969/St28
- Su, G.-M., Lai, Y.-C., Kwasinski, A., & Wang, H. (2013). *3D visual communications*. Chichester: John Wiley. 006.7/Su1
- Tiso, J., & Hutton, K. (2012). *Authorized self-study guide designing Cisco network service architectures (arch)*. 3rd ed. Indianapolis, IN: Cisco Press. 004.65/T52
- Trabelsi, Z. (2013). *Network attacks and defenses: a hands-on approach*. Boca Raton: CRC Press. 005.8/T67
- Valvano, J. W. (2012). *Embedded microcomputer systems: real time interfacing*. 3rd ed. S. I. Cengage Learning. 004.16/V24
- Walkenbach, J. (2013). *Excel® 2013 bible*. Indianapolis, IN: John Wiley & Sons. 005.54/W15
- Weaver, B., Weaver, D., & Farwood, D. (2014). *Guide to network defense and countermeasures*. 3rd ed. Australia: Course technology Cengage Learning. 005.8/W37
- Wempen, F. (2013). *Microsoft PowerPoint 2013 bible*. Indianapolis, IN: John Wiley & Sons, Inc. 005.58/W47
- Wood, A. B. (2013). *The graphic designer's digital toolkit: a project-based introduction to Adobe Photoshop CS6, Illustrator CS6 & InDesign CS6*. 6th ed. Albany, N.Y: Delmar. 006.6/W85
- Yarnold, Stuart. (2012). *Windows 8: tips, tricks & shortcuts in easy steps*. Leamington Spa, Warwickshire, U.K. : In Easy Steps. 005.446/Y22

General Science

- Hung, E. H.-C., & Hung, E. H.-C. (2014). *Philosophy of science complete: a text on traditional problems and schools of thought*. 2nd ed. Boston, MA: Wadsworth Cengage Learning. 501/H89

Mathematics

- Anderson, D. R. Sweeney, D. J. Williams, T. A. Camm, J. D. Cochran, J. J. (2014). *Statistics for business and economics*. 12th ed. Australia: South Western Cengage Learning. 519.5/An23
- Brown, J. I. (2013). *Discrete structures and their interactions*. Boca Raton : CRC Press/Taylor & Francis Group. 512.55/B81

- Colyvan, M. (2012). *An introduction to the philosophy of mathematics*. Cambridge: Cambridge University Press. 510.1/C72
- Cullinane, M. J. (2013). *A transition to mathematics with proofs*. Burlington, MA: Jones & Barlett Learning. 511.3/C89
- Garling, D. J. H. (2013). *Foundations and elementary real analysis*. Cambridge: Cambridge University Press. 515/G18
- Greenbaum, A., & Chartier, T. P. (2012). *Numerical methods: design, analysis, and computer implementation to algorithms*. Princeton, N. J: Princeton University Press. 518/G82
- Haberman, R. (2013). *Applied partial differential equations with fourier series and boundary value problems*. 5th IE. Boston : Pearson. 515.353/H11
- Hair, J. F. (2014). *A primer on partial least squares structural equations modeling (PLS-SEM)*. Los Angeles: SAGE. 511.42/H12
- Havil, J. (2012). *The irrationals: a story of the numbers you can't count on*. Princeton, N.J: Princeton University Press. 512.73/H29
- Jaggia, Sanjiv and Hawke, Alison Kelly. (2014). *Essentials of business statistics: communicating with numbers*. New York, NY: McGraw-Hill/Irwin. 519.5/J18
- Joyce, C. E., & Diehl, J. (2012). *McGraw- Hill's SAT subject test math level 2*. 3rd ed. New York: McGraw-Hill. 510.76/J85
- Kunju, A. S. Krishnan, G. (2012). *Group theory and its applications in chemistry*. New Delhi: PHI Learning Private Limited. 512.22/K96
- Larson, R. (2013). *Elementary and intermediate algebra*. Pacific Grove. 6th ed. Calif: Brooks/Cole. 512/L32
- Meerschaert, M. M. (2013). *Mathematical modeling*. 4th ed, Waltham, MA: Academic Press/Elsevier. 511.8/M47
- O' Gorman, T. W. (2012). *Adaptive tests of significance using permutations of residuals with R and SAS*. Hoboken, N.J: Wiley. 519.536/Og6
- O'Neil, P. V. (2012). *Advanced engineering mathematics*. 7th ed. Andover: Cengage Learning. 515.02462/On2
- Pemantle, R., & Wilson, M. C. (2013). *Analytic combinatorics in several variables*. Melbourne: Cambridge. 511.6/P36
- Pons, O. (2011). *Functional estimation for destiny, regression models and process*. Singapore: World Scientific. 519.544/P77
- Rana, R. (2013). *Concepts in probability theory*. New Delhi: Anmol Publications. 519.2/R15
- Spătaru, A. (2013). *Analysis and probability*. Amsterdam : Elsevier Science. 519.2/Sp28

- Stiebitz, M. (2012). *Graph edge coloring: Vizing's theorem and Goldsberg's conjecture*. Hoboken, NJ: Wiley. 511.56 St52
- Taeger, D., & Kuhnt, S. (2014). *Statistical hypothesis testing with SAS and R*. Chichester: Wiley. 519.502855133/T12
- Tan, S. T. (2012). *Applied mathematics for the managerial life, and social sciences*. 6th ed. Pacific Grove, Calif: Brooks/Cole. 510/T15
- Timmons, D. L., Johnson, C. W., & McCook, S. M. (2014). *Fundamentals of algebraic modeling: an introduction to mathematical modeling with algebra and statistics*. 6th ed Australia : Brooks/Cole Cengage Learning. 512/T48
- Tourlakis, G. J. (2012). *Theory of computation*. Hoboken, N. J: Wiley. 511.352/T64
- Wagner, K., & Doroslovacki, M. (2013). *Proportionate – type normalized least mean square algorithms*. London, U. K: ISTE ; Hoboken, N. J. 511.8/W12
- Williams, H. P. (2013). *Model building in mathematical programming*. 5th ed. Hoboken, N. J: Wiley. 519.7/W67
- Zill, Dennis G. and Wright, Warren S. (2013). *Learning Succeeding with differential equations*. 8th ed. Australia : Cengage Learning. 515.35/Z65

Astronomy & allied sciences

- Lissauer, J. J., & De, P. I. (2013). *Fundamental planetary science: physics, chemistry, and habitability*. New York, NY, USA : Cambridge University Press. 523.98/L69
- Long, L. T., & Kaufmann, R. D. (2013). *Acquisition and analysis of terrestrial gravity data*. Cambridge : Cambridge University Press. 526.7/L85

Physics

- Callegaro, L. (2013). *Electrical impedance: principles, measurement, and applications*. Boca Raton, FL: CRC Press. 537.620287/C13
- Cebeci, T., & Cebeci, T. (2013). *Analysis of turbulent flows with computer programs*. Oxford: Butterworth-Heinemann. 532.0527/C32
- Fitzpatrick, R. (2013). *Oscillations and waves: an introduction*. Boca Raton, FL: Taylor & Francis. 531.32/F58
- Hakim, R. (2011). *Introduction to relativistic statistical mechanics: classical and quantum*. Hackensack., NJ: World Scientific. 530.13/H12

Müller-Kirsten, H. J. W. (2013). *Basics of statistical physics*. 2nd ed. [Hackensack,] New Jersey : World Scientific. 530.13/M19

Pert, G. (2013). *Introductory fluid mechanics for physicist and mathematicians*. New York: Wiley. 532/P43

Walecka, J. D. (2013). *Topics in modern physics: theoretical foundations*. Singapore: World Scientific. 530.12/W14

Chemistry & allied sciences

Carey, F. A., & Giuliano, R. M. (2014). *Organic chemistry*. 9th ed. New York: McGraw Hill. 547/C18

Chanda, M. (2013). *Introduction to polymer science and chemistry: a problem-solving approach*. 2nd ed. Boca Raton: CRC Press. 547.7/C36

Crouchm S. R., & Holler, F. J. (2014). *Applications of Microsoft Excel in analytical chemistry*. Pacific Grove, Calif: Brooks/Cole. 543.028553682/C88

Fanali, S., Haddad, P. R., Poole, C. F., Schoenmakers, P. J. & Lloyd, D. (2013). *Liquid chromatography: applications*. Amsterdam: Elsevier. 543.84/L66

Heasley, V. L., Christensen, V. J., Heasley, G. E. & Pearson Longman. (2013). *Chemistry and life in the laboratory: experiments*. Boston: Pearson. 547/H35

Harris, D. C. (2013). *Exploring chemical analysis*. 5th ed. Basingstoke: W. H. Freeman. 543/H24

House, J. E. (2013). *Inorganic chemistry*. 2nd ed. Amsterdam: Elsevier. 546/H81

Inness, P., & Dorling, S. (2013). *Operational weather forecasting*. Chichester, West Sussex: Wiley-Blackwell. 541.63/In6

Karty, J. (2012). *Get ready for organic*. 2nd ed. chemistry. Boston: Pearson. 547/K14

Leonard, J., Lygo, B., & Procter, G. (2013). *Advanced practical organic chemistry*. 3rd ed. Boca Raton: CRC Press. 547.0078/L55

Manahan, S. E. (2013). *Fundamentals of environment and toxicological chemistry: Sustainable science*. 4th ed. London: CRC Press. 540/M31

Owen, S. (2012). *Chemistry for the IB diploma*. Cambridge: Cambridge University Press. 540/Ow2

Skoog, D. A., West, D. M., Holler, F. J., & Crouch, S. R. (2014). *Fundamentals of analytical chemistry*. 9th ed. Australia, Brooks Cole: Cengage Learning. 543/Sk55

Skoog, Douglas A., West, Donald., Holler, James and Stanley R. (2014). *Fundamentals of analytical chemistry*. 9th ed. Australia : Brooks/Cole Cengage Learning. 543/Sk55

Earth Sciences

Ackerman, S. A., & Knox, J. (2012). *Meteorology: Understanding the atmosphere*. 3rd ed. Sudbury, Mass: Jones & Bartlett Learning. 551.5/Ac57

Chester, R., & Jickells, T. D. (2012). *Marine geochemistry*. Hoboken, NJ: John Wiley and Sons. 551.46/C42

Cowie, J. (2013). *Climate change: Biological and human aspects*. 2nd ed. Cambridge [England]: Cambridge University Press. 551.6/C83

In Fagents, S. A., In Gregg, T. K. P., & In Lopes, R. M. C. (2013). *Modeling volcanic processes: the physics and mathematics of volcanism*. Cambridge: Cambridge University Press. 551.210151/M72

Laws, E. (2012). *Gemstones of the world*. Cobham, Surrey: TAJ Books. 553.8/L44

Lisle, R. J., Brabham, P., Barnes, J. W., & Barnes, J. W. (2011). *Basic geological mapping*. Chichester, West Sussex: Wiley – Blackwell. 550.223/I68

Massel, S. R. (2013). *Their physics and prediction*. S.I: World Scientific. 551.4702/M38

Onaka, M. (2013). *The physics of rock failure and earthquakes*. New York: Cambridge. 551.220287/Oh4

Ridley, J. (2013). *Ore deposit geology*. New York: Cambridge. 553/R43

Roulstone, I., & Norbury, J. (2013). *Invisible in the storm: the role of mathematics in understanding weather*. 551.60151/R75

Wilderer, P., & Rogers, P. (2011). *Treatise on water science: 4 Volumes*. Amsterdam: Elsevier. 551.48 T71

Paleontology Paleozoology

Petersen, J. H. (2013). *The kingdom of fungi*. Princeton, N.J: Princeton University Press. 561.92/P44

Life sciences

- Castro, P., & Huber, M. E. (2013). *Marine biology*. 9th ed. New York, NY: McGraw Hill. 578.77/C27
- Dicks, A. (2012). *Green organic chemistry in lecture and laboratory*. Boca Raton: Taylor & Francis. 577.14/G8
- Hunter, W., & Trimm, H. H. (2012). *Environmental chemistry: new techniques and data*. Toronto: Apple Academic Press. 577.14/En89
- Jiang, J., & Birchler, J. A. (2013). *Plant centromere biology*. Ames, Iowa: Wiley-Blackwell. 572.82/P69
- Ray, A., & Raval, A. (2013). *Introduction to biological networks*. London: CRC Press. 571.7/R21
- Roy, D. (2012). *Biometrical genetics: analysis of quantitative variation*. Oxford, U.K: Alpha Science International. 572.86/R81
- Schlesinger, W. H., & Bernardt, E. S. (2013). *Biogeochemistry*. 3rd ed. Amsterdam: Elsevier. 572/Sch38
- Schmidt – Rhaesa, A. (2007). *The evolution of organ systems*. Oxford: Oxford University Press. 571.31/Sch55
- Shabala, S., & C. A. B. (2012). *Plant stress physiology*. Cambridge, MA: CABI 571.2/P69
- Tropp, B. E. (2012). *Molecular biology: genes to proteins*. 4th ed. Sunbury, Mass: Jones & Barlett Learning. 572.8/T75
- Tyrrell, T. (2013). *On Gaia: a critical investigation of the relationship between life and earth*. Princeton University Press. 570.1/T98
- Uhl, C. (2013). *Developing ecological consciousness: the end of separation*. 2nd ed. Lanham: Rowman Little Field Publishers inc. 577/Uh6
- Weathers, K. C., Strayer, D. L., & Likens, G. E. (2013). *Fundamentals of ecosystem science*. Amsterdam: Academic Press/Elsevier. 577/W37

Botanical Sciences

- Bidlack, J. E., Jansky, S., & Stern, K. R. (2013). *Stern' introductory plant biology*. 13th ed. New York, New York : McGraw-Hill 580/B47
- In Wilkin, P., & In Mayo, S. J. (2013). *Early events in monocot evolution*. New York: Cambridge. 580/Ea76

Mauseth, J. D. (2014). *Botany: An introduction to plant biology*. Burlington, MA: Jones & Barlett Learning. 580/M44

Tiwari, B. K., Brunton, N., & Brennan, C. S. (2013). *Handbook of plant food phytochemicals: sources, stability and extraction*. Chichester: Wiley-Blackwell. 580/H19

Zoological Sciences

Adams, B. J., & Crabtree, P. J. (2012). *Comparative osteology: A laboratory and field guide of common North American animals*. Amsterdam: Elsevier/ Academic Press. 599.947097 Ad17

Altringham, J. D. (2011). *Bats: From evolution to conservation*. New York: Oxford University Press. 599.4 Al79

Cummings, M. R. (2014). *Human heredity: principles & issues*. 10th ed. Belmont, CA: Brooks/Cole, Cengage Learning. 599.935 C91

Jurmain, R., Kilgore, L., & Trevathan, W. (2013). *Physical anthropology: the essentials*. 9th ed. Belmont, Calif: Wadsworth. 599.9 J97

Lewis, R. B., Jurmain, R., & Kilgore, L. (2013). *Understanding humans: an introduction to physical anthropology and archaeology*. Belmont, Calif: Wadsworth. 599.9 L58

Minelli, A (2009). *Perspectives in animal phylogeny and evolution*. Oxford: Oxford University Press. 591.38 M66

Norris, D. O., & Carr, J. A. (2013). *Vertebrate endocrinology*. 5th ed. Amsterdam : Academic Press, Elsevier. 596.0142 N79

Springer, J. T., & Holley, D. (2013). *An introduction to zoology: investigating the animal world*. Boston: Jones & Barlett Learning. 590 Sp83

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- - Barbara Tuchman - -