

Recommended Textbooks and References for each course in the curriculum for the Doctor of Dental Surgery (DDS) program

First Year

General Chemistry (Theory)

A- Required book (s), assigned reading and audio-visuals:

Textbooks

- Chemistry, James E. Brady, Neil D. Jespersen, Alison Hyslop, 7th edition, (2015) .
- Chemistry: an Introduction, Remi Dalton, States Academic Press, (2021).
- General Chemistry: Principles and Modern Applications by Petrucci, Herring, Madura, Bissonnette (2021).
- Chemistry: The Central Science, 15th Global Edition by Theodore L. Brown (2021).
- ISE Chemistry (ISE HED WCB CHEMISTRY) 14th Edition, by Raymond Chang, Jason Overby, McGraw Hill, (2021).

B- References:

1. General Chemistry, Chang,
2. General Chemistry, Petrucci.

C- Other Resources:

- A lecture room with data show facility.

Chemistry Laboratory for Medical Sciences (Practical)

A- Required book (s), assigned reading and audio-visuals:

Textbooks

- General Chemistry Laboratory Manual For Medical sciences, by Bashir El-Essa, Lina Hanania, Layla Qaddoura and Maysaa Saleh, 2007, Bookshop.

B- References:

- General Chemistry Laboratory Manual , Prepared by: Richard E. Bleil, Ph.D. 2005.

C- Other Resources:

- A lecture room with data show facility.

Organic Chemistry for Medical Students (Theory)

A- Required book (s), assigned reading and audio-visuals:

Textbooks

- Organic Chemistry A Brief Course, by Hart; Hadad; Craine and Hart; 13th ed, 2012. Books/Cole, Cengage Learning.
- Organic Chemistry: a modern approach, Francesca Hopkins, Murphy & Moore, 2022.
- Organic Chemistry: Principles and Mechanisms 3rd Edition, by Joel Karty (2022).
- Applied Organic Chemistry: Reaction Mechanisms and Experimental Procedures in Medicinal Chemistry 1st Edition, by Surya K. De, Wiley-VCH, (2021).
- Organic Chemistry, by David R. Klein, WILEY, (2022).
- Organic Chemistry, by Janice Smith, McGraw-Hill Education, (2023).

B- References:

- Any Organic Chemistry Book.

C- Other Resources:

- Power point slides supplied by the instructor.

Organic Chemistry Lab (Practical)

A- Required book (s), assigned reading and audio-visuals:

Textbooks

- Selected Experiments in Organic Chemistry, 2nd edition, Abdelnour, Qasem and Zahra.

B- References:

- Advanced Organic Chemistry, 5th Ed, Part A, Francis A. Carey; Richard J. Sundberg.
- Advanced Organic Chemistry, 5th Ed, Part B, Francis A. Carey; Richard J. Sundberg.

C- Other Resources:

- Labs.
- Computer Resources.

D- Links , apps, tools, online services, websites:

- Teams, Moodle, websites
- https://www.youtube.com/playlist?list=PLKiHOsed6xCcK-JNqpo-l1_Zv32RR-TV0Q

General Biology (Theory)

A- Required book (s), assigned reading and audio-visuals:

Textbooks

- Biology, by: S. Mader, 13th Edition, (2019).
- * Microbiology: An Introduction, by Gerard J. Tortora, 13th Edition. (2019).

- Biology: the Science for Life 6th Edition, Colleen Belk Virginia M. Borden, PEARSON, (2021).
- Biology: A Global Approach, 12th Edition by Neil A. Campbell and Lisa A. Urry (2022)
- Principles of Biology, 4th Edition by Robert L. Brooker et al. (2022)
- Biology, 17th Edition by Sylvia S. Mader and Michael Windelspecht (2021)
- Biology: Concepts and Investigations, by Mariëlle Hoefnagels, McGraw-Hill Education, (2020).

B- References:

- Biology, by: S. Mader, 13th Edition, (2019).

C- Other Resources:

- Labs, computer resources, lecture rooms needed for the course.

Cell Biology:

- Cell biology: Advanced Principles and Applications, Larry Madison, Murphy & Moore, (2021).
- Principles of cell biology, by Oliver Taylor, States Academic Press, 2022.
- Essential Cell Biology, 6th Edition by Bruce Alberts et al. (2022)
- The Cell: A Molecular Approach, 8th Edition by Geoffrey M. Cooper (2021)
- Cell Biology, 3rd Edition by Thomas D. Pollard et al. (2022)

Molecular Biology:

- Molecular Biology: Principles and Practice, 3rd Edition by Michael M. Cox and Jennifer Doudna (2022).
- Molecular Biology: Structure and Dynamics of Genomes and Proteomes 2nd Edition, Kindle Edition, by Jordanka Zlatanova (2023).
- Biology Made Easy: An Illustrated Study Guide For Students To Easily Learn Cellular & Molecular Biology, NEDU, (2021).
- Molecular Biology: Structure and Dynamics of Genomes and Proteomes, 2nd Edition, by Jordanka Zlatanova, Garland Science, (2023).
- Molecular Biology: What is Life? by Phelan, Jim.
- Molecular Biology of the Cell, by Bruce Alberts, W. W. Norton & Company Limited, (2021)

General Physics for Medical Sciences (Theory)

A- Required book (s), assigned reading and audio-visuals:

Textbooks

- "Physics" by J. W. Kane & M. M. Sternheim, 3rd edition, New York, John Wiley & Sons, (1992).
- Introduction to Medical Physics by Joseph Bronzino and John J. Delfino (2021).
- Medical Physics: A Very Short Introduction by Anthony Warwick and Charles G. Steel (2022).
- Principles of Medical Physics by Charles L. Weber and Huda A. Al-Maliki (2023).
- Introduction to Medical Physics (Series in Medical Physics and Biomedical Engineering) 1st Edition, by Stephen Keevil, Renato Padovani, Slavik Tabakov, Tony Greener, Cornelius Lewis, CRC Press, (2022).

- Problems and Solutions in Medical Physics (Series in Medical Physics and Biomedical Engineering) 1st Edition, by Kwan Hoong Ng , Ngie Min Ung , Robin Hill, CRC Press, (2022).
- Physics for Scientists and Engineers with Modern Physics, by Douglas Giancoli, Pearson Education, (2013).

B- References:

- Physics for Scientists and Engineers with Modern Physics by R. A. Serway, and Jewett 6th edition, Thomson Brooks/ Cole Publishing.
- "Fundamentals of Physics" by D. Halliday and R. Resnick, 10th edition, John Wiley & Sons, (1991).
- "University Physics" by H. Benson, John Wiley & Sons, (1991).

Biostatistics (Theory)

A- Required book (s), assigned reading and audio-visuals:

Textbooks:

- Biostatistics: Basic Concepts and Methodology for the Health Sciences by Daniel 9th Edition.

B- References:

- **Any biostatistics book.**

C- Other Resources:

- Labs, computer resources, lecture rooms needed for the course

General Human Anatomy:

- Human Anatomy, Robin Piper, Murphy & Moore, (2022).
- Moores Essential Clinical Anatomy by Keith L. Moore, Anne M. R. Agur, and Arthur F. Dalley, LWW Moore publish, (2021).

- Atlas of Human Anatomy by Johannes W. Rohen, Chihiro Yokochi, and Elke Lütjen-Drecoll, published in (2021).
- Grant's Atlas of Anatomy 15th INT ED, by Anne M. R. Agur and Arthur F. Dalley, LWW Wolters Kluwer, (2022).
- Moore's Clinically Oriented Anatomy, Ninth North American Edition, by Arthur F. Dalley II, Anne M. R. Agur, LWW, (2022).

General Human Embryology:

- Langman's Medical Embryology 14th Edition, by Thomas W. Sadler, LWW Wolters Kluwer, (2021).
- Textbook of Human Embryology: With Clinical Cases, 3D Illustrations and Flowcharts 2nd Edition, by Yogesh Sontakke, CBS Publishers & Distributors Pvt Ltd, India, (2022).
- Larsen's Human Embryology, by Gary Schoenwolf, Steven Bleyl, Elsevier, (2021).
- Langman's Medical Embryology, by Sadler, lww, (2022).

Genetics

- Understanding Genetics, by Russel Torres, States Academic Press, 2022.
- ISE Genetics: Analysis and Principles, 7th Edition, Robert Brooker, McGRAWHILL Publisher, (2022).
- Genetics: From Genes to Genomes, by Leland H. Hartwell, McGraw-Hill Education, (2020).
- Emery and Rimoin's Principles and Practice of Medical Genetics and Genomics :Clinical Principles and Applications, by Reed E.Pyeritz, Elsevier, (2018).

Histology:

- Junqueira's Basic Histology: Text and Atlas, 16th Edition, by Anthony L. Mescher, McGRAWHILL Publisher, (2021).
- Histology for Pathologists, 5th Edition, by Stacey Mills, LWW Wolters Kluwer, (2021).
- Histology: A Text and Atlas: with Correlated Cell, 8th Edition, Wojciech Pawlina, LWW Wolters Kluwer, (2021).
- Histology From a Clinical Perspective, 2nd Edition, by Dongmei Cui, William P. Daley, Wolters Kluwer, (2022).

Second Year

Dental Anatomy (Theory)

- A- Required book (s), assigned reading and audio-visuals:
- Wheeler's Dental Anatomy, Physiology, and Occlusion; by Major M Ash & Stanley J Nelson, 9th edition, W. B. Saunders, 2009.
- B- Recommended books, materials, and media:
- Dental Anatomy It's Relevance to Dentistry; by Julian B Woelfel & Rickne C Scheid, 6th edition, Williams & Wilkins, 2001.
 - Wheeler's Atlas of Tooth Form; by Major M Ash, W. B. Saunders, 1984.
 - Orban's Oral Histology and Embryology; by Bhaskar S N, 11th edition, Mosby 1991.
 - Dental Morphology by Van Beek G, 2nd edition 1983, Butterworth-Heinemann
 - Nature's Morphology: An Atlas of Tooth Shape and Form, Shigeo Kataoka, Yoshimi Nishimura and Avishai Sadan, Quintessence Publishing (IL); 1 edition 2002

- Dental Functional Morphology: How Teeth Work (Cambridge Studies in Biological & Evolutionary Anthropology), Peter W Lucas, Cambridge University Press; 1 edition 2004

Dental Anatomy (Practical)

- A- Required book (s), assigned reading and audio-visuals:
- Wheeler's Dental Anatomy, Physiology, and Occlusion; by Major M Ash & Stanley J Nelson, 9th edition, W. B. Saunders, 2009.
- B- Recommended books, materials, and media:
- Dental Anatomy It's Relevance to Dentistry; by Julian B Woelfel & Rickne C Scheid, 6th edition, Williams & Wilkins, 2001.
 - Wheeler's Atlas of Tooth Form; by Major M Ash, W. B. Saunders, 1984.
 - Orban's Oral Histology and Embryology; by Bhaskar S N, 11th edition, Mosby 1991.
 - Dental Morphology by Van Beek G, 2nd edition 1983, Butterworth-Heinemann
 - Nature's Morphology: An Atlas of Tooth Shape and Form, [Shigeo Kataoka](#), Yoshimi Nishimura and Avishai Sadan, Quintessence Publishing (IL); 1 edition 2002
 - Dental Functional Morphology: How Teeth Work (Cambridge Studies in Biological & Evolutionary Anthropology), Peter W Lucas, Cambridge University Press; 1 edition 2004

Oral Histology (Theory)

- A- Required book (s), assigned reading and audio-visuals:
- Oral Anatomy, Histology & Embryology: by Berkovitz B, Holland G & Moxham B, 4rd edition, Edinburgh, 2009, Mosby.
- B- Recommended books, materials, and media:
1. Bhaskar S.: Orban's Oral Histology and Embryology, 11th edition, 1991, Mosby.

2. Essentials of Oral Histology and Embryology: A Clinical Approach (Avery, Essentials of Oral Histology and Embryology) by James K. Avery and Daniel J chiego Mosby; 3rd edition 2005.

Oral Histology (Practical)

- A- Required book (s), assigned reading and audio-visuals:
- Oral Anatomy, Histology & Embryology: by Berkovitz B, Holland G & Moxham B, 4rd edition, Edinburgh, 2009, Mosby.
- B- Recommended books, materials, and media:
1. Bhaskar S.: Orban's Oral Histology and Embryology, 11th edition, 1991, Mosby.
 2. Essentials of Oral Histology and Embryology: A Clinical Approach (Avery, Essentials of Oral Histology and Embryology) by James K. Avery and Daniel J chiego Mosby; 3rd edition 2005.

Dental Materials 1 (Theory)

- A- Required book (s), assigned reading and audio-visuals:
- Strongly recommended:
 1. Phillips' Science of Dental Materials, Anusavice, 11 edition, Elsevier science USA 2003. Anderson Applied Dental Materials, McCabe J F, 8th edition, Blackwell scientific publications.
 2. Notes on Dental Materials, Combe E C, 6th edition, Churchill Livingstone.
 3. CRAIG'S RESTORATIVE DENTAL MATERIALS. John Powers, Ronald Sakaguchi Mosby 2006.
 4. Dental Materials Journal; the corresponding articles will be provided by course coordinator/instructor.
- B- Recommended books, materials, and media: See course outline

Third Year

Conservative Dentistry 1 (Theory)

- A- Required book (s), assigned reading and audio-visuals:
- Strongly recommended:
 - The Art and Science of Operative Dentistry; Sturdevant C M, Barton R E, Sockwell C L, Strickland W D, 5th edition, Mosby Co. St. Louis.
- B- Recommended books, materials, and media:
1. Fundamentals of Operative Dentistry: A Contemporary Approach; Summitt J B, Robbins J W, Hilton T J, Schwartz R S, Santos J, 3rd edition, Quintessence Pub Co.
 2. Pickard's Manual of Operative Dentistry; Kidd E A M, Smith B G N and Pickard H M, 6th edition, Oxford Medical Publications.
 3. Clinical Cariology and Operative Dentistry in the Twenty-First Century; Fejerskov O, Kidd E A M, London, Blackwell, Munksgaard, 2003.
 4. Tooth Coloured Restoratives: Principles and Techniques; Albers H F, 9th edition, London, Hamilton.
 5. The Biological Basis of Dental Caries; Lewis M, USA, 1980.

Conservative Dentistry 1(Practical)

- A- Required book (s), assigned reading and audio-visuals:
- The Art and Science of Operative Dentistry, Sturdevant C M, Barton R E, Sockwell C L, Strickland W D. The C.V. Mosby Co. St. Louis.
 - Fundamentals of Operative Dentistry: A Contemporary Approach, James B. Summitt, J. William Robbins, Thomas J. Hilton, Richard S. Schwartz, Jose Dos Santos Jr. Quintessence Pub Co.
- B- Recommended books, materials, and media:
- Pickard's Manual of Operative Dentistry, Kidd E A M, Smith B G N and Pickard H M, 6th edition, Oxford Medical Publications.

- Restorative Dentistry, An integrated approach, Jacobsen P H, 1st edition, Wright publication

Conservative Dentistry 2 Endodontics (Theory)

- A- Required book (s), assigned reading and audio-visuals:
- Walton and Torabinejad. Principles and practice of endodontics, 4th edition, Saunders.
 - Cohen and Hargreaves. Pathways of the pulp, 10th edition, Mosby.
- B- Recommended books, materials, and media:
- TR Pitt Ford. Endodontics in clinical practice, 5th edition, Wright.

Conservative Dentistry 2 Endodontics (Practical)

- A- Required book (s), assigned reading and audio-visuals:
- Endodontics: Principles and Practice, 4th edition, Walton and Torabinejad
- B- Recommended books, materials, and media:
- Pathways of the pulp, 11th edition, Hargreaves and Cohen

Occlusion (Theory)

- A- Required book (s), assigned reading and audio--visuals:
- Okeson Dmd, Jeffrey P « The Management of Temporomandibular Disorders and Occlusion » 5th Edition, Mosby 2003.
 - Dawson Peter E « Evaluation, Diagnosis, and Treatment of Occlusal Problems » 2nd Edition, Mosby 1989
- B- Recommended books, materials, and media:
- Ash M, Nelson S « Wheeler's Dental Anatomy, Physiology and Occlusion » 8th Edition, Elsevier 2003.

Prosthodontics 1 (Theory)

Recommended books, materials, and media:

Textbooks:

A- Complete Denture Prosthodontics:

1. Treatment of edentulous patients, McCord, Smith and Grey, 2004 Elsevier Limited.
2. Fenn, Liddelow & Gimson's :Clinical Dental Prosthetics 3rd. ed
3. Prosthodontic Treatment for Edentulous Patients: Complete Dentures and Implant-Supported Prostheses by George A. Zarb, Charles L. Bolender, Steven E. Eckert, and Aaron H. Fenton (2003)

B- Partial Denture prosthodontics:

1. McCracken's Removable Partial Prosthodontics (Carr, McCracken's Removable Partial Prosthodontics) by Alan B. Carr, Glen P. McGivney, David T. Brown. Elsevier, 2005, 11th ed.
2. A color Atlas of Removable Partial Dentures by Basker R.M., Heath J.R., Ralph, J.P. Wolfe Medical Publications Ltd, 1988.
3. Dental Laboratory Procedures. Removable Partial Dentures, Volume 3 (v. 3) (Hardcover) by Kenneth D. Rudd, Robert M. Morrow, Harold F. Eissmann Handouts: According to the lecturer

Prosthodontics 1 (Practical)

A- Required book (s), assigned reading and audio-visuals:

Textbooks:

Complete Denture Prosthodontics:

- Essentials of Complete Denture Prosthodontics by Sheldon Winkler (1994)
- Prosthodontic Treatment for Edentulous Patients: Complete Dentures and Implant-Supported Prostheses by George A. Zarb, Charles L. Bolender, Steven E. Eckert, and Aaron H. Fenton (2003)

- Prosthetic Treatment of the Edentulous Patient, 4th Edition. RM Basker and JC Davenport; 2002, Blackwell Munksgaard Publishers
- The Complete Denture: A Clinical Pathway. Michael MacEntee; 1999. Quintessence Publishing Co, Inc
- Clinical dental Prosthetics, 4th edition. Roy MacGregor
- Complete denture Prosthetics, 3rd Edition. RJ Neill and RI Nairn; 1990

Partial Denture prosthodontics:

- McCracken's Removable Partial Prosthodontics (Carr, McCracken's Removable Partial Prosthodontics) by Alan B. Carr, Glen P. McGivney, David T. Brown. Elsevier, 2005, 11th ed.
- A color Atlas of Removable Partial Dentures by Basker R.M., Heath J.R., Ralph, J.P. Wolfe Medical Publications Ltd, 1988.
- Stewart's Clinical Removable Partial Prosthodontics by Rodney D. Phoenix, David R. Cagna, Charles F. DeFreest. Quintessence Publishing (IL); 4 edition (October 2008)
- Dental Laboratory Procedures. Removable Partial Dentures, Volume 3 (v. 3)

Oral Pathology 1 (Theory)

A- Required book (s), assigned reading and audio-visuals:

- Oral Pathology; by J. V. Soames and Southam, 5th edition 2018, Oxford University Press.

B- Recommended books, materials, and media:

1. Essentials of Oral Pathology and Oral Medicine; by R. A. Cawson, E. W. Odell; 9th edition 2017, Publisher: Churchill Livingstone.
2. Contemporary Oral and Maxillofacial Pathology; by J. Philip Sapp, Lewis R. Eversole, George P. Wysocki, Philip Sapp; 2nd edition 2003, Publisher: Mosby, 450 pages.

3. Oral & Maxillofacial Pathology; by Brad W. Neville (Editor), Douglas D., Dds Damm, Carl M., Dds Allen, Jerry E., Dds Bouquo, 4th edition 2015; Publisher: W B Saunders Co.

Oral Pathology (Practical)

A- Required book (s), assigned reading and audio-visuals:

- Oral Pathology; by J. V. Soames and Southam, 5th edition 2018, Oxford University Press.

B- Recommended books, materials, and media:

1. Essentials of Oral Pathology and Oral Medicine; by R. A. Cawson, E. W. Odell; 9th edition 2017, Publisher: Churchill Livingstone.
2. Contemporary Oral and Maxillofacial Pathology; by J. Philip Sapp, Lewis R. Eversole, George P. Wysocki, Philip Sapp; 2nd edition 2003, Publisher: Mosby, 450 pages.
3. Oral & Maxillofacial Pathology; by Brad W. Neville (Editor), Douglas D., Dds Damm, Carl M., Dds Allen, Jerry E., Dds Bouquo, 4th edition 2015; Publisher: W B Saunders Co.

Dental Radiology 1 (Theory)

- White, S. and Pharoh, M. Oral Radiology: Principles and Interpretation. 7th edition, 2014. Mosby.
- E learning module of the course.

Introduction to Clinical Dentistry and Oral Diagnosis (Theory)

1. Student's Clinical Manual 2014-2015, Faculty of Dentistry, The University of Jordan.
2. Infection control policy manual, 2014-2015 Faculty of Dentistry, The University of Jordan.
3. Crispian Scully. Medical problems in dentistry. Churchill livingstone. 6th edition. 2010.
4. Crispian Scully. Applied medicine and surgery in dentistry. 3rd edition. 2010.
5. Gary C. Coleman, John F. Nelson. Principles of Oral Diagnosis. ISBN (0-8016-1005-2), Mosby-Year Book. 2003.

6. Dental Journals that provide Oral Medicine topics, preferably:

- ✓ Dental Update
- ✓ Journal of American Dental association
- ✓ Journal of Canadian Dental association
- ✓ British Dental Journal
- ✓ Other journals specified by instructors

Introduction to Clinical Dentistry and Oral Diagnosis (Practical)

A- Required book (s), assigned reading and audio-visuals:

- Clinical manual/ School of Dentistry/ The University of Jordan (Required)
- Preclinical dentistry at glance, J. Field 2nd edition (recommended)
- Gary C. Coleman, John F. Nelson. Principles of Oral Diagnosis. ISBN (0-8016-1005-2), Fourth edition 2014 (recommended)
- Scully's Oral and Maxillofacial Medicine, The Basis of Diagnosis and Treatment, 3rd Edition, 2013 Churchill Livingstone (advised)
- Scully's Medical Problems in Dentistry, 7th Edition, 2014 Churchill Livingstone (advised)

A- Recommended books, materials, and media:

- Dental Update Journal

Fourth Year

Conservative Dentistry 3 (Theory)

- A- Required book (s), assigned reading and audio-visuals:
1. Studevant's Art and Science of operative dentistry, Fourth edition, Roberson, Heymann, Swift (Mosby)
 2. Endodontics, second edition, Stock, Gulabivala, Walker, Goodman. (Mosby-Wolfe)
 3. Principles and practice of endodontics. Second edition, Walton & Torabinejad. (Saunders)
 4. Cohen's Pathways of the pulp. 10th Edition.
 5. Hargreaves and Keiser. Local anesthetic failure in endodontics: Mechanisms and Management. Endodontic Topics 2002, 1, 26–39
 6. Noncarious cervical lesions (NCCL)--a clinical concept based on the literature review. Part 2: restoration Am J Dent. 2011 Jun;24(3):183-92.
 7. Non carious cervical lesions and occlusion: A systematic review of clinical studies. J Oral Rehab 2012;39:450
Abrfraction separating fact from fiction. Austr Dent J. 2009
 8. Andreasen JO, Bakland LK, Flore MT, Andreasen FM, Andersson L. Traumatic Dental Injuries. A Manual. 3rd edition. Wiley-Blackwell.
- B- Recommended books, materials, and media:

Conservative Dentistry 3

- A- Required book (s), assigned reading and audio-visuals:
- Sturdevant's Art and Science of Operative Dentistry, 5th edition, Theodore M. Roberson, Harold O. Heymann, Edward J. Swift Jr.
 - Fundamentals of Operative Dentistry ; a Contemporary Approach, 3rd edition, James B. Summitt, J. William Robbins, Thomas J. Hilton, Richard S. Schwartz, Jose, Jr. DOS Santos

- Principles and practice of endodontics, 2nd edition, Walton & Torabinejad

B- Recommended books, materials, and media:

- Pathways of the pulp, 8th edition, Stephen Cohen, Kenneth M. Hargreaves.

Conservation Dentistry 4 Crown and Bridge (Theory)

A- Required book (s), assigned reading and audio-visuals:

- Shillingburg H, Hobo S, Whitsett L, Jacobi R, Brackett S «*Fundamentals of Fixed Prosthodontics* » 3rd Edition, Quintessence 1997.
- Rosenstiel, Land and Fujimoto « Contemporary Fixed Prosthodontics » 3rd Edition, Mosby 2001

B- Recommended books, materials, and media

Conservative Dentistry 4 Crown and Bridge (Practical)

A- Required book (s), assigned reading and audio-visuals:

- 1) Rosenstiel FS, Land MF, Fujimoto J. Contemporary fixed prosthodontics. St Louis: Mosby.
- 2) Shillingburg HT, Hobo S, Whitset LD. Fundamentals of fixed prosthodontics. Quintessence, Chicago

B- Recommended books, materials, and media:

- 1) Crowns and Other extra coronal restorations, BDJ Book, Nature publishing
<http://www.nature.com/bdj/series/index.html#page-link-crowns>.
- 2) Live demonstration by the instructors
- 3) Videos of tooth preparation

Dental Materials 2 (Theory)

A- Required book (s), assigned reading and audio-visuals:

Strongly recommended:

- .Phillips' Science of Dental Materials, Anusavice, 11 edition, Elsevier science USA 2003.
- Dental Materials Journal; the corresponding articles will be provided by course coordinator/instructor.

B- Recommended books, materials, and media: See course outline

Prosthodontics 2 (Theory)

Recommended books, materials, and media:

Textbooks:

1. Fenn, Liddelow & Gimson's :Clinical Dental Prosthetics 3rd. ed
2. Prosthodontic Treatment for Edentulous Patients: Complete Dentures and Implant-Supported Prostheses by George A. Zarb, Charles L. Bolender, Steven E. Eckert, and Aaron H. Fenton (2003)
3. McCracken's Removable Partial Prosthodontics (Carr, McCracken's Removable Partial Prosthodontics) by Alan B. Carr, Glen P. McGivney, David T. Brown. Elsevier, 2005, 11th ed.
4. Dental Laboratory Procedures. Removable Partial Dentures, Volume 3 (v. 3) (Hardcover) by Kenneth D. Rudd, Robert M. Morrow, Harold F. Eissmann.

Prosthodontics 2 (Practical)

A- Required book (s), assigned reading and audio-visuals:
As below.

B- Recommended books, materials, and media:

- Essentials of Complete Denture Prosthodontics by Sheldon Winkler (1994)
- Prosthodontic Treatment for Edentulous Patients: Complete Dentures and Implant-Supported Prostheses by George A. Zarb, Charles L. Bolender, Steven E. Eckert, and Aaron H. Fenton (2003)

- Prosthetic Treatment of the Edentulous Patient, 4th Edition. RM Basker and JC Davenport; 2002, Blackwell Munksgaard Publishers
- The Complete Denture: A Clinical Pathway. Michael MacEntee; 1999. Quintessence Publishing Co, Inc
- Clinical dental Prosthetics, 4th edition. Roy MacGregor
- Complete denture Prosthetics, 3rd Edition. RJ Neill and RI Nairn; 1990

Periodontics 1 (Theory)

A- Required book (s), assigned reading and audio-visuals:

- 1- Clinical Periodontology (Hardcover). Eleventh edition, by Michael Newman, Henry Takei, Fermin A. Carranza.
- 2- Clinical Periodontology & Implant Dentistry. Sixth or Seventh edition, by Jan Lindhe, Niklaus Lang, Thorkild Karring.
- 3- Periodontics: Medicine, Surgery & Implants. First edition, by Louis Rose, Brian Mealy, Robert Genco.

B- Recommended books, materials, and media:

- Some supplemental material will be provided by lecturers.

Periodontics 1 (Practical)

A- Required book (s), assigned reading and audio-visuals:

- Carranza Clinical Periodontology and Implant Dentistry; 11th edition
- Student Clinical Manual in Periodontology 2015-2016

B- Recommended books, materials, and media: As assigned by the supervising faculty

Oral Pathology 2 (Theory)

- A- Required book (s), assigned reading and audio-visuals:
- Oral Pathology; by J. V. Soames and Southam, 4th edition 2005, Oxford University Press.
- B- Recommended books, materials, and media:
1. Essentials of Oral Pathology and Oral Medicine; by R. A. Cawson, E. W. Odell; 8th edition 2008, Publisher: Churchill Livingstone.
 2. Contemporary Oral and Maxillofacial Pathology; by J. Philip Sapp, Lewis R. Eversole, George P. Wysocki, Philip Sapp; 2nd edition 2003, Publisher: Mosby, 450 pages.
 3. Oral & Maxillofacial Pathology; by Brad W. Neville (Editor), Douglas D., Dds Damm, Carl M., Dds Allen, Jerry E., Dds Bouquo, 3rd edition 2008; Publisher: W B Saunders Co.

Oral Medicine 1 (Theory)

- A- Required book (s), assigned reading and audio-visuals:
- Scully's Oral and Maxillofacial Medicine, The Basis of Diagnosis and Treatment , 3rd Edition, 2013 Churchill Livingstone
 - Scully's Medical Problems in Dentistry, 7th Edition, 2014 Churchill Livingstone
- B- Recommended books, materials, and media:
- Dental Update Journal
 - Scully's Special Care in Dentistry, Handbook of Oral Healthcare, 3rd Edition, 2013 Churchill Livingstone

Screening and Oral diagnosis (Practical)

- A- Required book (s), assigned reading and audio-visuals:
- Clinical manual/ School of Dentistry/ The University of Jordan (Required)
 - Gary C. Coleman, John F. Nelson. Principles of Oral Diagnosis. ISBN (0-8016-1005-2), Fourth edition 2014(recommended)

- Scully's Oral and Maxillofacial Medicine, The Basis of Diagnosis and Treatment , 3rd Edition, 2013 Churchill Livingstone (advised)
- Scully's Medical Problems in Dentistry, 7th Edition, 2014 Churchill Livingstone (advised)

B- Recommended books, materials, and media:

- Dental Update Journal

Dental Radiology 1 (Practical)

White, S. and Pharoah, M. Oral Radiology: Principles and Interpretation. 7th edition, 2014. Mosby.

E learning module of the course.

Oral Surgery 1 (Theory)

- Contemporary Oral and Maxillofacial Surgery. Peterson, Ellis, Hupp& Tucker, 5th edition.
- Medical Problems in Dentistry. Scully C and Cawson R, 6th edition.
- Peterson's Principles of Oral and Maxillofacial Surgery. Michael Miloro, Peter Larsen 3rd edition.

Oral Surgery 1 (Practical)

Students need the following equipment's:

- 1- Examination instruments
- 2- Local anaesthetic armamentarium (Syringes, needles, local anaesthetic carpules)
- 3- Extraction instruments(elevators, extraction forcepses)
- 4- Minor oral surgery kit

Anesthesiology (Theory)

Required book (s), assigned reading and audio-visuals:

- Handbook of Local Anesthesia/ Fourth Ed. Stanley F. Malamed. 6th Ed. Mosby-Year Book.2013

Recommended books, materials, and media:

- Pain and anxiety control for the conscious dental patient. Meechan, Robb, and Seymour. Oxford University Press. 1998 .
- Foundation of anesthesia: Basic science for clinical practice by Hugh C. Hemmings; (Mosby Inc; Nov 2, 2005)
- Hand book for anesthesia and co existing disease by Robert K. Stoelting, et al - Illustrated Edition, Paperback (Churchill Livingstone; Mar 12, 2002)

Orthodontics 1 (Theory)

Required book (s), assigned reading and audio-visuals:

1. An Introduction to Orthodontics – Laura Mitchell, 3rd edition 2007, Oxford University Press.
2. Reading material from scientific journals provided by instructors for specific topics.

Recommended books, materials, and media:

3. Handbook of Orthodontics, M. Cobourne& A. Dibiase. (2010). Mosby
4. Contemporary Orthodontics – Proffit, 4th edition 2007, Mosby Elsevier.

Orthodontics 1 (Practical)

Suggested text book:

- Removable Orthodontic Appliances, 1st edition by K. G. Isaacson FDS MOrthRCS(Eng) , R. T. Reed BDS FDS MOrth RCS(Eng) RCPS(Glas) , John D. Muir BDS FDS MOrth RCS(Eng).

- Orthodontic Retainers and Removable Appliances: Principles of Design and Use by Friedy Luther and Zararna Nelson-Moon.

Pediatric Dentistry 1 (Theory)

- A- Required book (s), assigned reading and audio-visuals:
1. Paediatric Dentistry. Richard R. Welbury, Oxford, Edt. 5th edition. 2018.
- B- Recommended books, materials, and media:
2. Handbook of Pediatric Dentistry. Angus C. Cameron and Richard P. Widmer. Mosby. 4th edition, 2013.
 3. Dentistry for the child and adolescent. Ralph E. McDonald, David R. Avery. St. Louis, Toronto, London. C.V. Company. 10th edition. 2016.
 4. Guidelines of the American Academy of Pediatric Dentistry Guidelines of the European academy of Pediatric Dentistry

Pediatric Dentistry 1 (Practical)

- A- Required book (s), assigned reading and audio-visuals:
- Paediatric Dentistry, 3rd edition, Welbury, Duggal, Hosey, Oxford 2005
1. Handbook of Pediatric Dentistry. Angus C. Cameron and Richard P. Widmer. Mosby. 4th edition, 2013.
 2. Dentistry for the child and adolescent. Ralph E. McDonald, David R. Avery. St. Louis, Toronto, London. C.V. Company. 9th edition. 2010.
 3. Pediatric Dentistry: Infancy Through Adolescence. Pinkham JR. W.B. Suannder Company. Philadelphia, London. 5th edition. 2013.
 4. Selected articles from the following journals:
 - Journal of Dentistry for Children
 - Pediatric Dentistry. The journal of the American Academy of Pediatric Dentistry.
 - International Journal of Paediatric Dentistry.

Dental Traumatology

- Community Dental Health.
- 5. Specific web sites related to Pediatric Dentistry
 - www.aapd.org
 - www.bspd.co.uk
- B- Recommended books, materials, and media:
 1. Selected articles from the following journals:
 - Journal of Dentistry for Children
 - Pediatric Dentistry. The journal of the American Academy of Pediatric Dentistry.
 - International Journal of Paediatric Dentistry.
 - Dental Traumatology
 - Community Dental Health.
- 2. Specific web sites related to Pediatric Dentistry.

Preventive Dentistry 1 (Theory)

- A- Required book (s), assigned reading and audio-visuals:
 1. Paediatric Dentistry. Richard R. Welbury, Oxford, Edt. 4th edition. 2012.
- B- Recommended books, materials, and media:
 1. Handbook of Pediatric Dentistry. Angus C. Cameron and Richard P. Widmer. Mosby. 3rd edition, 2008.
 2. Dentistry for the child and adolescent. Ralph E. McDonald, David R. Avery. St. Louis, Toronto, London. C.V. Company. 9th edition. 2010.
 3. Guidelines of the American Academy of Pediatric Dentistry Guidelines of the European academy of Pediatric Dentistry

Fifth Year

Conservative Dentistry 5 (Theory)

A- Required book (s), assigned reading and audio-visuals:

- 1) Contemporary Fixed Prosthodontics; by Rosenstiel FS, Land MF, Fujimoto J. 4th Edition. St Louis: Mosby.
- 2) Fundamentals of Fixed Prosthodontics; by Shillingburg HT, Hobo S, Whitset LD.. Quintessence, Chicago
- 3) Sturdevant's Art and Science of Operative Dentistry; by Sturdevant, C. M., Barton, R. E., Sockwell, C. L., Strickland, W. D. The C. V. Mosby Co. St. Louis.
- 4) Cohen's Pathways of the pulp; by Cohen, S., and Berman, R. C. 11th Edition 2015. Mosby Co. St.Louis.
- 5) Endodontics: Principles and Practice; by Walton, R.E, and Torabinejad, M. 5th Edition, 2014. W. B. Saunders Co. Philadelphia.
- 6) Contemporary Esthetic Dentistry; by Freedman. 2012. Elsevier, Mosby.
- 7) Esthetic Dentistry, Clinical Approach to Techniques & Material; Aschheim K, Dale B. 2nd Edition. Mosby.
- 8) Failure in the Restored Dentition: Management and Treatment: M. Wise. Quintessence books.
- 9) Management of Temporomandibular Disorders and Occlusion. Okeson J, 6th Edition, 2008. Mosby
- 10) A Clinical Guide to Temporomandibular Disorders. Gray R, Davies S, Quayle A. BDJ books.

B- Recommended books, materials, and media:

- 1) Textbook of operative dentistry; by Baum, L., Phillips, R. W., Lund, R. M. W. B. Saunders Co. Philadelphia.

- 2) Good occlusal Practice in simple restorative dentistry. Davies S, Gray R, Smith P. BDJ 2001; 191(7): 365
- 3) Good occlusal Practice in advanced restorative dentistry. Davies S, Gray R, Whitehead S. BDJ 2001;191(8): 421
- 4) Occlusal changes following posterior tooth loss in adults. Part 1: a study of clinical parameters associated with the extent and type of supraeruption in unopposed posterior teeth. Craddock et al., J Prosthodont. 2007;16(6):485
- 5) Dental caries: the disease and its clinical management. Fejerskov O, Kidd E. 2nd Edition, 2009. Blackwell.
- 6) Pickards guide to minimal invasive operative dentistry. Banerjee A, Watson T. 9th Edition 2011. Oxford University Press.
- 7) Cad/Cam systems available for the fabrication of crown and bridge restorations. Australian Dental journal. 2011;56(1):97-106
- 8) Prosthodontics: achieving quality aesthetic dentistry and integrated comprehensive care. Journal of American dental Association. 2000;131(12):1742-9.
- 9) The Dahl concept: past, present and future. British dental Journal. 2005;198(11):669-76.

Conservative Dentistry 5 (Practical)

- 1- Rosenstiel FS, Land MF, Fujimoto J. Contemporary fixed prosthodontics. St Louis: Mosby.
- 2- Shillingburg HT, Hobo S, Whitset LD. Fundamentals of fixed prosthodontics. Quintessence, Chicago
- 3- Sturdevant, C. M., Barton, R. E. The art and science of operative dentistry. The C. V. Mosby Co. St. Louis.
- 4- Baum, L., Phillips, R. W., Lund, R. M. Textbook of operative den-

tistry. W. B. Saunders Co. Philadelphia.

5- Cohen, S., and Burns, R. C. Pathways of the pulp. The C. V. Mosby Co. St.Louis.

6- Walton, R. E. and Torabinejad, M. Principles and practice of endodontics. W. B. Saunders Co. Philadelphia

Prosthodontics 3 (Theory)

Recommended books, materials, and media:

Textbooks:

A) Complete Denture Prosthodontics:

- 1• Essentials of Complete Denture Prosthodontics by Sheldon Winkler (1994)
- 2• Prosthodontic Treatment for Edentulous Patients: Complete Dentures and Implant-Supported Prostheses by George A. Zarb, Charles L. Bolender, Steven E. Eckert, and Aaron H. Fenton (2003)
- 3• Prosthetic Treatment of the Edentulous Patient, 4th Edition. RM Basker and JC Davenport; 2002, Blackwell Munksgaard Publishers
- 4• The Complete Denture: A Clinical Pathway. Michael MacEntee; 1999. Quintessence Publishing Co, Inc
- 5• Clinical dental Prosthetics, 4th edition. Roy MacGregor
- 6• Complete denture Prosthetics, 3rd Edition. RJ Neill and RI Nairn; 1990
7. Atlas of oral implantology. Cranin, Mosby 2nd edition. (2) dental implants, A guide for the general practitioner. Norton, Quintessence publishing Co.
8. Clinical Maxillofacial Prosthetics, Thomas D. Taylor

B) Partial Denture prosthodontics:

- 1• McCracken's Removable Partial Prosthodontics (Carr, McCracken's Removable Partial Prosthodontics) by Alan B. Carr, Glen P. McGivney, David T. Brown. Elsevier, 2005, 11th ed.
- 2• A color Atlas of Removable Partial Dentures by Basker R.M., Heath J.R., Ralph, J.P. Wolfe Medical Publications Ltd, 1988.
- 3• Stewart's Clinical Removable Partial Prosthodontics by Rodney D. Phoenix, David R. Cagna, Charles F. DeFreest. Quintessence Publishing (IL); 4 edition (October 2008)
- 4• Dental Laboratory Procedures. Removable Partial Dentures, Volume 3 (v. 3) (Hardcover) by Kenneth D. Rudd, Robert M. Morrow, Harold F. Eissmann
- 5• Removable Partial Denture Design. Outline Syllabus. 5th edition Krol et al: 1999
6. Fundamentals of Removable Prosthodontics; : Dean L. Johnson, Russell Stratton. Quintessence Publishing Co., Inc.

Handouts: According to the lecturer

Prosthodontics 3 (Practical)

A- Required book (s), assigned reading and audio-visuals:

Textbooks:

Complete Denture Prosthodontics:

- Essentials of Complete Denture Prosthodontics by Sheldon Winkler (1994)
- Prosthodontic Treatment for Edentulous Patients: Complete Dentures and Implant-Supported Protheses by George A. Zarb, Charles L. Bolender, Steven E. Eckert, and Aaron H. Fenton (2003)
- Prosthetic Treatment of the Edentulous Patient, 4th Edition. RM Basker and JC Davenport; 2002, Blackwell Munksgaard Publishers

- The Complete Denture: A Clinical Pathway. Michael MacEntee; 1999. Quintessence Publishing Co, Inc
- Clinical dental Prosthetics, 4th edition. Roy MacGregor
- Complete denture Prosthetics, 3rd Edition. RJ Neill and RI Nairn; 1990
- Partial Denture prosthodontics:
- McCracken's Removable Partial Prosthodontics (Carr, McCracken's Removable Partial Prosthodontics) by Alan B. Carr, Glen P. McGivney, David T. Brown. Elsevier, 2005, 11th ed.
- A color Atlas of Removable Partial Dentures by Basker R.M., Heath J.R., Ralph, J.P. Wolfe Medical Publications Ltd, 1988.
- Stewart's Clinical Removable Partial Prosthodontics by Rodney D. Phoenix, David R. Cagna, Charles F. Defreest. Quintessence Publishing (IL); 4 edition (October 2008)
- Dental Laboratory Procedures. Removable Partial Dentures, Volume 3 (v. 3) (Hardcover) by Kenneth D. Rudd, Robert M. Morrow, Harold F. Eissmann
- Removable Partial Denture Design. Outline Syllabus. 5th edition Krol et al: 1999

Handouts: According to the lecturer

B- Recommended books, materials, and media:

Periodontics 2 (Theory)

Required book (s), assigned reading and audio-visuals:

Recommended books, materials, and media:

- Clinical Periodontology (Hardcover). Eleventh edition, by Michael G. Newman, Henry Takei, Fermin A. Carranza
- Clinical Periodontology and Implant Dentistry. Sixth edition, by Jan Lindhe, Niklaus Land, Thorkild Karring.
- Periodontics: Medicine, Surgery and Implants, First edition, by Louis Rose, Brian Mealy, Robert Genco.



Periodontics 2 (Practical)

- Carranza Clinical Periodontology and Implant Dentistry; 11th edition
- As assigned by the supervising faculty

Oral Medicine 2 (Theory)

Required book (s), assigned reading and audio-visuals:

- Burket's Oral Medicine by Michael Glick (Author, Editor); DMD (Editor); People's Medical Publishing House - USA, Ltd. 12 edition (December 26, 2014). ISBN-13: 978-1607951889

Recommended books, materials, and media:

- Journal of Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology
- Journal of Oral Diseases

Oral Medicine (Practical)

Required book (s), assigned reading and audio-visuals:

- An Atlas of Stomatology (Oral diseases and manifestations of systemic disease). C. Scully and S. Flint. Latest edition, ISBN-13: 978-0948269523.

Recommended books, materials, and media:

- Journal of Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology
- Journal of Oral Diseases

Dental Radiology 2 (Theory)

White, S. and Pharoah, M. Oral Radiology: Principles and Interpretation. 7th edition, 2014. Mosby.
E learning module of the course.

Oral Surgery 2 (Theory)

- A- Required book (s), assigned reading and audio-visuals:
- Contemporary Oral and Maxillofacial Surgery. Peterson, Ellis, Hupp & Tucker, 6th edition. 2014.
- B- Recommended books, materials, and media:
- Medical Problems in Dentistry. Scully C and Cawson R, 7th edition.

Journals;

- a. Journal of American Dental Association
 - b. Dental Update
 - c. British Dental Journal
- <http://e-library/ on the University of Jordan website>
<http://library.ju.edu.jo/>
<http://www.ncbi.nlm.nih.gov/pubmed/>

Oral Surgery 2 (Practical)

- A- Required book (s), assigned reading and audio-visuals:
- Contemporary Oral and Maxillofacial Surgery. Peterson, Ellis, Hupp & Tucker, 4th edition.
- B- Recommended books, materials, and media:
- Medical Problems in Dentistry. Scully C and Cawson R, 6th edition. 2010

Orthodontics 2 (Theory)

Strongly recommended:

- Handbook of Orthodontics, M. Cobourne & A. Dibiase. (2010). Mosby

Suggested text book:

- An Introduction to Orthodontics. L. Mitchell, N.E. Carter (2013) 4th edition. . Oxford University Press.
- Contemporary Orthodontics. W.R. Proffit (2013) 5th edition. Mosby Year Book.
- Orthodontics at a Glance, D. Gill (2008). Wiley-Blackwell.
- Important note: Orthodontic staff might provide additional reading materials from journals or other textbooks related to specific lecture(s).

Orthodontics 2 (Practical)

Suggested text books:

- Handbook of Orthodontics. Martyn Cobourne & Andrew DiBiase, 2nd Edition. Elsevier
- An Introduction to Orthodontics. L. Mitchell, N.E. Carter (2013) 4th edition. . Oxford University Press.

Also recommended:

- A Textbook of Orthodontics. W.J.B. Houston, C.D. Stephens and W.J. Tulley (1992), 2nd Edition. Wright, Butterworth-Heinemann Ltd.
- Contemporary Orthodontics. W.R. Proffit (2013) 5th edition. Mosby Year Book.
- Orthodontics at a Glance, D. Gill (2008). Wiley-Blackwell.

Important note: Orthodontic staff might provide additional reading materials from journals or other textbooks related to specific session(s).

Pediatric Dentistry 2 (Theory)

- A- Required book (s), assigned reading and audio-visuals:
- 1- Paediatric Dentistry. Richard R. Welbury, Oxford, Edt. 4th edition. 2012.
 - 2- Handbook of Pediatric Dentistry. Angus C. Cameron and Richard P. Widmer. Mosby. 4th edition, 2013.
 - 3- Dentistry for the child and adolescent. Ralph E. McDonald, David R. Avery. St. Louis, Toronto, London. C.V. Company. 9th edition. 2010.
 - 4- Pediatric Dentistry: Infancy Through Adolescence. Pinkham JR. W.B. Saunders Company. Philadelphia, London. 5th edition. 2013.
 - 5- Text Book and color Atlas of Traumatic Injuries to the Teeth; by Andreasen JO. Andreasen FM. Andresson L, 4th edition, 2007 Oxford: Blackwell Munksgaard
- B- Recommended books, materials, and media:
1. Selected articles from the following journals:
 - Journal of Dentistry for Children
 - Pediatric Dentistry. The journal of the American Academy of Pediatric Dentistry.
 - International Journal of Paediatric Dentistry.
 - Dental Traumatology
 - Community Dental Health.
 2. Specific web sites related to Pediatric Dentistry.

Pediatric Dentistry 2 (Practical)

Required book (s), assigned reading and audio-visuals:

A- Required book (s), assigned reading and audio-visuals:

1. Paediatric Dentistry. Richard R. Welbury, Oxford, Edt. 4th edition. 2012.

B- Recommended books, materials, and media:

1. Handbook of Pediatric Dentistry. Angus C. Cameron and Richard P. Widmer. Mosby. 4th edition, 2013.
 2. Dentistry for the child and adolescent. Ralph E. McDonald, David R. Avery. St. Louis, Toronto, London. C.V. Company. 9th edition. 2010.
 3. Pediatric Dentistry: Infancy Through Adolescence. Pinkham JR. W.B. Saunders Company. Philadelphia, London. 5th edition. 2013.
4. Selected articles from the following journals:
- Journal of Dentistry for Children
 - Pediatric Dentistry. The journal of the American Academy of Pediatric Dentistry.
 - International Journal of Paediatric Dentistry.
 - Dental Traumatology
 - Community Dental Health.

Specific web sites related to Pediatric Dentistry.

Preventive Dentistry 2 (Theory)

A- Required book (s), assigned reading and audio-visuals:

- Prevention of oral disease 4th edition. Murray, Nunn and Steele, 2003
- Selection of guidelines form AAPD , Public Health England and BSPD

- Selected articles from the BDJ, Journal of the American Dental Association

B- Recommended books, materials, and media:

Articles from the following journals: Oral Health and Preventive Dentistry, Dental Update, International Journal of Paediatric Dentistry, Websites such as British Dental Association (especially for oral cancer facts) American Academy of Paediatric Dentistry

Community Dental Health

- Essential Dental Public Health; by Blanaid Daly (Author), Richard G. Watt (Author), Paul Batchelor (Author), Elizabeth T. Treasure (Author), 2002, Oxford University Press.
- Munro B.,ed (2006) statistical methods for health care research. 5th. Ed.philadelphia : Lippincott.
- Daniel. W.W. (2005) biostatistics: A foundation for analysis in the health sciences. New jersey: john Wiley & sons Inc
- The statistical package for social sciences (SPSS) Ersion 10 And Above Will Be Used For Exercises And Explanation
- Howitt, D., and Cramer, D. (2005) introduction to SPSS in psychology for SPSS 10,11,12, AND 13 (3^{red}) Harlow: Pearson.
- Access the periodicals online within the campus net: <http://e-library>
- Susan K. Grove (2007). Statistics for health care research- a practical workbook. Elsevier health. USA

Law and Ethics in Dentistry (Theory)

A- Required book (s), assigned reading and audio-visuals:

- Jordanian Dental Council laws and regulations book.
- FDI dental ethics manual: www.fdiworldental.org/resources/4_6ethics-manual.html
- Ethics and Dentistry 1: Gilbier et.al, Dental Update 2001: 28: 468-73
- ADA Principles of Ethics and Code of Professional Conduct: www.ada.org/prof/prac/law/code/index.asp
- Evidence Based Dentistry for Effective Practice: [Jan Clarkson](#), [Jayne E. Harrison](#), [Amid Ismail](#) (Editor), [Ian Needleman](#) (Editor), [Helen Worthington](#). Informa Healthcare (19 Dec 2002).
- How to write a protocol: [O'Brien K](#), [Wright J](#), [J Orthod](#). 2002 Mar;61-58:(1)29

B- Recommended books, materials, and media:

- FDI Dental ethics Manual, 2007 by FDI World Dental Federation.

Additional Dental References Available in UOP Library

1. Orofacial Pain, By Joanna M. Zakrzewska, 2009, Oxford University Press.
2. Atlas of Minor Oral Surgery 1st Edition, By Harry Dym DDS, 2000, ELSEVIER.
3. Removable Orthodontic Appliances, By VIJAYALAKSHM, 2010, JAY-PEE.
4. Essentials of Clinical Periodontology & Periodontics 6th Edition, By Shantipriya Reddy, 2022, JAYPEE.
5. Statistical and Methodological Aspects of Oral Health Resear, By Emmanuel Lesaffre, 2009, WILEY.
6. Illustrated Dental Embryology, Histology, and Anatomy, By Margaret J. Fehrenbach RDH MS, 2019, ELSEVIER.
7. Essential Pathology for Dental Students 5th, By Professor and Head Harsh Mohan, 2016, JAYPEE.
8. Ingles Endodontics 7th Edition, By Ilan Rotstein DDS, John I. Ingle DDS, et al., 2018, PMPH-USA.
9. Understanding Partial Denture Design 1st Edition, By Kenneth Tyson, 2007, Oxford University Press.
10. Evidence-based Dentistry Dental Clinics, By Mark V. Thomas DMD, 2009, ELSEVIER.
11. Oral Medicine and Pathology at a Glance 2nd Edition, By Pedro Diz Dios, 2016, WILEY.
12. Essentials of Dental Radiography and Radiology 6th Edition, By Eric Whaites, 2020, ELSEVIER.
13. Fundamentals Of Dental Radiology, 4th Edition, By Vimal K. Sikri 2010, CBS.
14. Oral Diagnosis, Oral Medicine and Treatment Planning, 2nd Edition, By Bricker S.L, 2012, CBS.
15. Textbook Of Microbiology for Dental Students 4th Edition, By D.R. Arora, 2017, CBS.
16. Principles of Pharmacology for Dental Students, N.K. Khanna, 2010, Citadel Press Book.
17. Textbook of Endodontics 4th Edition, By Nisha Garg, 2018, JAYPEE.

18. Preventive and Community Dentistry, By SHIVAKUMAR, 2006, JAY-PEE.
19. Contemporary Fixed Prosthodontics, By Stephen F. Rosenstiel, 2020, ELSEVIER.
20. Handbook of Complete Dentures, By VINAY, 2012, CBS.
21. ESSENTIALS OF PHARMACOLOGY FOR DENTISTRY COVERING THE LATEST, By TRIPATHI Kd, 2021, JAYPEE.
22. Head, Neck and Dental Anatomy 4th Edition, By Marjorie Short, 2012, Cengage Learning.
23. Textbook Of Physiology For Dental Students 3rd Edition, By R.K. Marya, 2013, JAYPEE.
24. Anatomy for Dental Medicine 3rd Edition, By Michael Schuenke, 2020, THIEME.
25. TEXTBOOK OF BIOCHEMISTRY FOR DENTAL STUDENTS, By DM VASUDEVAN, 2022, JAYPEE.
26. Anands Human Anatomy for Dental Students 3rd, By Ph.D. Anand, Mahindra Kumar, 2011, JAYPEE.
27. Essentials of Oral Pathology 4th Edition, By Swapan Kumar Purkait, 2019, JAYPEE.
28. Comprehensive Review of Oral Medicine, By Pramod John R., 2005, JAYPEE.
29. Principles and Practice of Pedodontics 3rd Edition, By Arathi Rao,
30. A Textbook of Public Health Dentistry, By CM Marya, 2011, JAYPEE.
31. Essentials of Medicine for Dental Students, By Anil K Tripathi, 2021, JAYPEE.
32. Oral and Maxillofacial Surgery Secrets, 3rd Edition, By Omar Abubaker DMD PhD, 2015, ELSEVIER.
33. Manual of oral surgery 1st Edition, By Matteo Chiapasco, 2018, PMIC.
34. Workbook and Laboratory Manual for Dental Radiography 6th Edition, By Joen Iannucci DDS MS, 2022, ELSEVIER.
35. Dental Anatomy And Dental Histology, By Greene M, 2022, JAYPEE.

36. ENDODONTICS AND CONSERVATIVE DENTISTRY, By INCE C, 2021, JAYPEE.
37. HUMAN DISEASE FOR DENTISTRY, By Randall E, 2010, JAYPEE.
38. PEDODONTICS PRACTICE AND MANAGEMENT, By NATHAN WHITE, 2022, JAYPEE.
39. TEXTBOOK OF CONVENTIONAL FIXED PARTIAL DENTURES, By PRABHU R., 2014, CBS.
40. Color Atlas of Common Oral Diseases 5th Edition, By Robert Langlais, 2016, LIPPINCOTT.
41. Textbook of Dental Radiology 3rd Edition, By Pramod John R, 2019, JAYPEE.
42. Essentials Of Oral Biology 2nd Edition, By Maji Jose, 2019, JAYPEE.
43. Oral and Maxillofacial Medicine 2nd Edition, By Crispian Scully MD PhD, 2008, ELSEVIER.
44. Concise Oral Radiology 3rd Edition, By Umarji H.R, 2022, CBS.
45. Oral and Maxillofacial Surgery Clinics, By Gary Klasser, 2008, ELSEVIER.
46. Practical Clinical Endodontics 1st Edition, By Philip Lumley, 2006, ELSEVIER.
47. Cawsons Essentials of Oral Pathology and Oral Medicine, By Edward W. Odell, 2017, ELSEVIER.
48. Oral Pathology: Clinical Pathologic Correlations 7th Edition, By Joseph A. Regezi, 2016, ELSEVIER.
49. Fundamentals Of Dental Radiology, 4th Edition, By Vimal K. Sikri, 2010, CBS.
50. Oral Development and Histology 3rd Edition, By Nancy B. F. A. (EDT) Avery James, 2001, THIEME.