

Oregon State University College of Science Graduation Checklist

BioHealth Sciences Pre-Dental 2017-18

The following pre-dental curriculum satisfies the entrance requirements of **most** accredited schools in the United States. Because the requirements for admission vary, **students** are responsible for completion of requirements to their choice of schools. Satisfactory completion of coursework does **not** guarantee admission to dental programs since applicants are selected on a competitive basis. To prepare for dental school students must complete a bachelor's degree and all prerequisite courses. In addition, **paid, volunteer, or shadowing experience with a general dentist is usually required to obtain a letter of recommendation needed for admission to most programs.**

BACCALAUREATE CORE REQUIREMENTS (48 credits + 3 credits WIC)

Skills Courses (15 cr + WIC)

- Writing I (3) _____
- Writing II (3) _____
- COMM (3) _____
- Mathematics (3) Filled below
- Lifetime Fitness (2) HHS 231
- Lifetime Fitness Lab (1) _____
- Writing Intensive Course (3) (see below)

Perspectives Courses (27 cr)

No more than 2 courses from any one dept. may be used to satisfy the Perspectives category

- | | |
|---|---------------------|
| <input checked="" type="checkbox"/> Phys Sci (w/lab) (4) | <u>Filled below</u> |
| <input checked="" type="checkbox"/> Biol Sci (w/lab) (4) | <u>Filled below</u> |
| <input checked="" type="checkbox"/> 2 nd Phys/Biol Sci (w lab) (4) | <u>Filled below</u> |
| <input type="checkbox"/> Western Culture (3) | |
| <input type="checkbox"/> Cultural Diversity (3) | |
| <input type="checkbox"/> Lit and Arts (3) | |
| <input checked="" type="checkbox"/> Social Processes and Inst (3) | <u>PSY 201/202</u> |
| <input type="checkbox"/> Diff, Power, and Discrimination (3) | _____ |

Synthesis Courses (6 cr)

The 2 courses used for Synthesis reqs may not be in the same dept.

- Contemporary Global Issues (3) _____
- Sci Tech & Soc (3) _____

MAJOR & OPTION REQUIREMENTS: Required courses may **NOT** be taken on an S/U graded basis. All prerequisite courses for dental schools should be completed with a "C" or better in order to be considered by professional schools.

- BHS 199 BioHealth Science Orientation (1)
- CH 231 & 261 General Chemistry (5)
- CH 232 & 262 General Chemistry (5)
- CH 233 & 263 General Chemistry (5)
- BI 211 Principles of Biology (4)
- BI 212 Principles of Biology (4)
- BI 213 Principles of Biology (4)
- CH 331 Organic Chemistry (4)
- CH 332 Organic Chemistry (4)
- CH 337 Organic Chemistry Lab (4)
- PH 201 General Physics (5)
- PH 202 General Physics (5)
- PH 203 General Physics (5)
- MTH 251 Differential Calculus (4)
- MTH 252 Integral Calculus (4) or
- ST 201 Principles of Statistics (4) or ST 351 (4)
- (Note: College of Science requires 12 cr. of Mathematics)
- BB 314 Cell and Molecular Biology (4)
- BI 311 Genetics (4)
- MB 302 General Microbiology (3)
- BB 450/451 Biochemistry (4,3)
- Z 425 Embryology (5) – BB 314 & BI 311 pre-reqs
- BI 331/341 Human Anatomy & Physiology (3)/Lab (2)
- BI 332/342 Human Anatomy & Physiology (3)/Lab (2)
- BI 333/343 Human Anatomy & Physiology (3)/Lab (2)
- BHS 323 (3) or MB 385 (3) or HSTS 417 (4) (WIC)

Cultural Competency: (Choose Two Courses)

- ANTH 240 Introduction to Biological Anthropology (3)
- ANTH 345 Bio and Cultural Constructions of Race (3)
- ECON 383 The Economics of Discrimination (4)
- ES 351 Ethnic Minorities in Oregon (4)
- ES 353 Environmental Racism (4)
- FCSJ/ANTH 361 Food Justice (4)
- HDFFS 201 Contemporary Families in the U.S. (3)
- MB 330 Disease and Society (3)
- PHL 280 Ethics of Diversity (4)
- PSY 426 Psychology of Gender (4)
- PSY 466 Fat Studies (4)
- SOC 426 Social Inequality (4)
- WGSS/QS 262 Introduction to Queer Studies (3)
- WGSS 414 Systems of Oppression in Women's Lives (4)

Suggested electives:

- MB 303 General Microbiology Lab (2) – recommended
- BHS 107: Pre-Dental Orientation (1)
- CH 324 Quantitative Analysis (4) - *for Chemistry minor*
- H 320 Intro to Human Diseases (3)
- H 312 AIDS & STDs (3)
- MB 480 General Parasitology (3)
- MB 499 Mechanisms of Disease (3)
- NUTR 225 General Human Nutrition (3)
- PHAR 210 Medical Terminology (2)
- PHL 444 Biomedical Ethics (4)
- PSY 330 Brain & Behavior (4) - *PSY 201 & 202 pre-reqs.*
- Foreign language

Sample: 4-year program for BHS/ Pre-Dental

CAUTION: The pre-dental track meets the requirements for **many** schools. However, **STUDENTS** must check prerequisites at any school to which they apply for current information.

	Fall		Winter		Spring		
First Year	CH 231 & 261	5	CH 232 & 262	5	CH 233 & 263	5	
	MTH 112	4	MTH 251	4	MTH 252 or ST	4	
	WR 121 ¹	3	PSY 201 or 202	3	COMM	3	
	Bacc Core ³	3	HHS 231	2	Bacc Core ³	3	
	BHS 199	1	BHS 107	1			
		<hr/> 16		<hr/> 15		<hr/> 15	(46)
Second Year	BI 211	4	BI 212	4	BI 213	4	
	CH 331	4	CH 332	4	CH 337	4	
	WR II ¹ (222 rec)	3	PAC 1XX	1	PHAR 210	2	
	Bacc Core ³	3	Bacc Core ³	6	Elective ^{2,4}	3	
		<hr/> 14		<hr/> 15		<hr/> 16	(45)
Third Year	BB 314	4	BI 311	4	BI 333	3	
	BI 331	3	BI 332	3	BI 334	2	
	BI 341	2	BI 342	2	Elective ^{2,4}	9	
	BB 450	4	BB 451	3			
	Elective ^{2,4}	3	Elective ^{2,4}	3			
		<hr/> 16		<hr/> 15		<hr/> 14	(45)
Fourth Year	PH 201	5	PH 202	5	PH 203	5	
	Z 425	5	BHS 323 (WIC)	3	Elective ^{2,4}	10	
	MB 302	3	Elective ^{2,4}	7			
	MB 303	2					
		<hr/> 15		<hr/> 15		<hr/> 15	(45)

OSU Institutional Requirements

	Required	Completed	Deficient
Total Hours (one degree)	180	_____	_____
Upper Division	60	_____	_____
Residency (45 of last 75)	45	_____	_____

IMPORTANT INFORMATION:

- WR 121 and COMM must be completed satisfactorily (C-) within the first 45 hours of OSU work. WR II must be completed satisfactorily within the first 90 hours of OSU work. Transfer students must complete WR II and COMM within the first 45 hours at OSU.
- Students should be aware that some dental schools require a certain number credits of Writing and Literature beyond an introductory level. It is the responsibility of the students to educate themselves and fulfill all prerequisites requested by professional schools.
- Some Dental schools may require courses in Humanities and/or Social Sciences. The Baccalaureate Core may be used for completion of those requirements.
- A minor in Chemistry is possible with one additional non-organic chemistry class such as CH 324 (Quantitative Analysis – 4 cr.). These classes MAY count for the Upper Division Science elective required above (consult with advisor).
- Most Dental schools require a recommendation letter from a practicing general dentist and minimum number of hours observing a general dentist; check with individual dental schools of interest for appropriate number of hours needed.
- The American Dental Education Association GoDental website, www.adea.org/GoDental/ offers valuable information to future dental students. The site provides links to schools across the country. Most schools require application to their program through a centralized application site - Associated American Dental Schools Application Service (AADSAS). The application portal can be found at <https://portal.aadsasweb.org>.
- Dental schools require students to take the Dental Admissions Test (DAT). Register 60-90 days prior to your desired test date sometime in May-August, one year in advance of when you plan to begin dental school. Detailed information about the DAT and other dental application information can be found at www.adea.org/GoDental/.
- Information about Oregon Health Sciences University dental program can be obtained by contacting sodadmit@ohsu.edu.