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Offer comments on the specific competencies the candidate possesses

Write committee letters:

- See AAMC Guidelines for a Letter of Evaluation for a Medical School Applicant:  
<https://www.aamc.org/download/349990/data/lettersguidelinesbrochure.pdf>
- Rather than just noting GPA as some measure of intellectual ability, describe any trends or patterns you notice on the student's transcript (e.g., excellent grades while carrying particularly heavy credit loads or multiple lab-based courses each semester; changes in grades across time)
- Relation between grades and other aspects of file (e.g., consistently strong academic performance while also balancing collegiate athletics or a double major, etc.)

Shannon Rodriguez's Role

- Health professions events
- Resume/Curriculum vita
- Personal statements
- Competencies summary
- Interviewing skills
- Alumni Connections



Association of Schools and Colleges of Optometry-



Students apply to Albany Medical College at the end of their **sophomore year**



Placing AQR

Placing into EN105

Placing into CH125

Placing out of Calculus I (and II)

One major only

Gap/enrichment year or two before med school

Abroad courses help fulfill requirements

Taking a summer class or two



**Third Year:**

If student plans to attend a graduate program immediately after undergrad . . .

**follow the [timeline](#) for spring interviews posted on the HPAC website (if interviewing for medical school, dental school, veterinary school)**

ensure that all requirements will be met by the end of the junior year

study for relevant admissions test

register for relevant admissions test

write resume and personal statement

request letters of recommendation

visit Career Development Center several times: Have resume, personal statement, and competencies

sheet reviewed by Shannon Rodriguez; discuss interviewing skills

continue volunteer work and extracurricular activities

apply to schools at end of junior year

If student plans to take a gap/enrichment year or two after undergrad . . .

ensure that all remaining requirements will be met senior year

make any plans for summer school classes, if neces(s)14pof1 yBT/ill b



# Timing of Course

MS 104	Introduction to Statistics	Both Semesters	Every academic year
MS 204	Statistical Methods	Both Semesters	Every academic year
MA 111	Calculus I	Both Semesters	Every academic year
MA 113	Calculus II	Both Semesters	Every academic year
NS 101	Introduction to Neuroscience	Both Semesters	Every academic year
NS 201	Cellular and Molecular Neuroscience	Fall	Every academic year
NS212	Neurophysiology	Spring	Every academic year
PY 207	General Physics I	Both Semesters	Every academic year
PY 208	General Physics II	Both Semesters	Every academic year
PS101	Introduction to Psychological Science	Both Semesters	Every academic year
PS203/303	Research Methods I and II	Both Semesters	Every academic year
PS206	Developmental Psychology (Nursing)	Both Semesters	Every academic year
SO101	Sociological Perspectives	Both Semesters	Every academic year
SO226	Statistics for the Social Sciences	Both Semesters	Every academic year
AN101	Introduction to Cultural Anthropology	Both Semesters	Every academic year
SW212	Social Work Values and Populations at Risk	Both Semesters	Every academic year
SW253	Human Behavior and the Social Environment (Nursing)	Both Semesters	Every academic year

# Medicine

AACOM – American Association of Colleges of Osteopathic Medicine

AACOMAS - American Association of Colleges of Osteopathic Medicine Application Service

AAMC – Association of American Medical Colleges

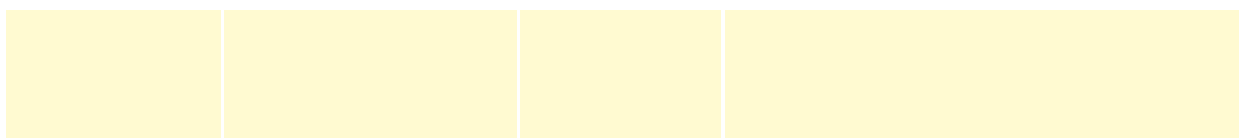
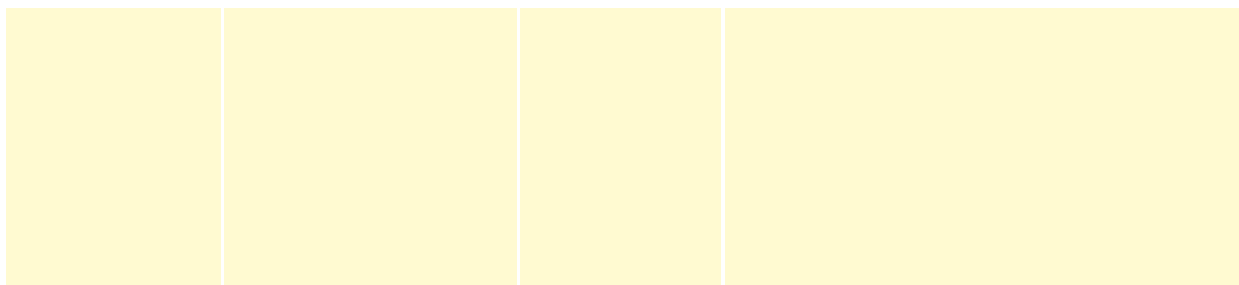
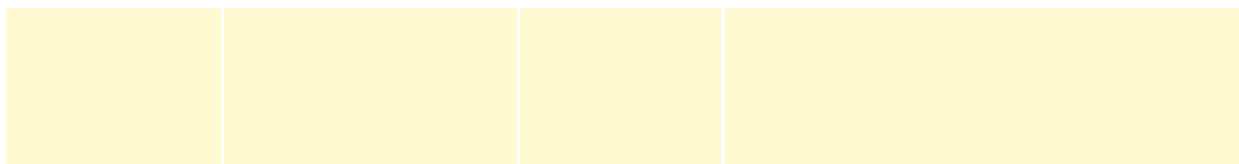
AMCAS – American Medical College Application Service

DO – Doctor of Osteopathy - Osteopathic medicine – more holistic view of medicine

MCAT – Medical College Aptitude Test

MD – Medical Doctor - Allopathic medicine – focuses on diagnosis and treatment of human disease











Hard to separate role models from work. Example: obese physicians are less likely to spend time counseling patients about nutrition.” Obesity can be caused by diseases. You can bring in another resource – another physician, a nutritionist.

Letter writers have the potential to comment on how the student will be perceived during the interview. This student may seem quiet (slow to respond to the interviewer), but the letter shows that this student is an introvert. Without that feedback from letter, the committee has to go by the interviewer’s experience. Most MMIs ask students to sign a non-disclosure agreement, but others can consider completing an Interview Feedback Form. **Cornell has a good model:** <http://www.career.cornell.edu/resources/surveys/>

# Nursing

Skidmore's Bachelor of Science degree in nursing (BSN) opened in 1922, and it was regarded as one of the nation's top nursing programs. In 1944, it moved its clinical facilities to New York City. The program closed in 1982.

Current advice is that BSN is not enough these days – need advanced degrees now

## Accelerated BSN degrees:

- There are direct entry/accelerated BSN programs (these are available to entry-level non-

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- o \_\_\_\_\_

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] [REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

- (v) PS 202 Statistical and Research Methods I, 4 credits or MS 104 Introduction to Statistics, 4 credits or MS 204 Statistical Methods, 4 credits, or BI 235 Biostatistics, 4 credits, or SO 226 Statistics for the Social Sciences, 4 credits
- (vi) PS 206 Developmental Psychology, 4 credits
- (vii) HP 242 Principles of Nutrition for Health and Performance, 3 credits

(c) No final grade of "C-," "D+," "D" or "F" in any course required pursuant to this Section of the Agreement.

# Physical Therapy

The doctor of physical therapy (DPT) or doctor of physiotherapy (DPhysio) degree is a 3–4 year program that prepares students to be eligible for the Physical Therapy License Examination through the Federation of State Boards of Physical Therapy in all 50 states. DPT programs are accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE). After completing the degree, the doctor of physical therapy may continue training in a residency and then fellowship.

APTA – American Physical Therapy Association

PTCAS – Physical Therapy Centralized Application Service

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## **Chemistry Requirement:**

- For students who place into CH115, CH115 and CH126 will meet pre-requisite Chemistry requirement
- For students who place into CH125, students need another CH course –





<b>Pre-Requisite</b>	<b>Skidmore College Course that Fulfills</b>
Anatomy & Physiology I	HP 126 Human Anatomy & Physiology I
Anatomy & Physiology II	HP 127 Human Anatomy & Physiology II
Two Biology Courses with Lab from Cell Biology, Microbiology, Biochemistry, and Genetics	Choose Two of the Following Courses: BI 242 Molecular Cell Biology BI 245 Principles of Genetics BI 246 General Microbiology BI 247 Cell Biology
Statistics	One course from the following options: BI 235 Biostatistics OR EC 237 Statistical Methods OR MS 104 Introduction to Statistics OR MS 204 Statistical Methods OR PS 202 Stats and Methods I OR SO 226 Statistics for the Social Sciences
Two Physics Courses	PY 130 (formerly 207) Introductory Physics I with Laboratory: Forces and Energy AND PY 140 (formerly 208) Introductory Physics II with Laboratory: Electrodynamics
Two Course in General Chemistry with Lab	CH 125 or CH 126 Principles of Chemistry Plus one of the following options: CH 115 Fundamentals of Chemistry OR CH 214 Inorganic Compounds and Materials OR CH 221 Organic Chemistry I OR CH 232 Analytical Methods in Chemistry OR CH 251 Principles of Chemical Systems
One Course in Psychology	PS 101 Introduction to Psychological Science

# Occupational Therapy

The master's in occupational therapy (MSOT) and the doctor of occupational therapy (OTD) degrees both prepare students to sit for the Occupational Therapist Registered (OTR) examination administered by the National Board for Certification in Occupational Therapy (NBCOT). At least two years of full-time study is required for the master's degree and seven semesters of full-time study over 36 months is required for the OTD. Only five doctoral programs in occupational therapy exist in the United States.

AOTA – The American Occupational Therapy Association

OTACAS – Occupational Therapy Assistant Centralized Application Service

OTCAS – Occupational Therapy Centralized Application Service

Cultural Perspectives or Sociology	One course from the following options: AN 101 Cultural Anthropology OR AN 102 Anthropology of the Human Past OR SO 101 Sociological Perspectives
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\* Note independent study offered by Karen Arciero in the past.

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## Physician's Assistant

The master of science in physician assistant studies (physician assistant-certified) employs a didactic approach where students engage in approximately 12 months of clinical rotations as well as learn basic and medical sciences. Most students who gain admission to a PA program have a bachelor's degree and about three years of health care experience before entering a PA program. Programs are accredited by the Accreditation Review Commission on Education for the Physician Assistant (ARC-PA) and typically require at least two years of full time study. In order to practice, PAs must obtain a state license. All states require that PAs graduate from an accredited PA program and pass the Physician Assistant National Certifying Exam (PANCE) from the National Commission on Certification of Physician Assistants (NCCPA).

In order to be admitted to a PA program, applicants must have experience with direct patient care. Please research your programs of interest to gain a better understanding of what the minimum requirements are as well as an understanding of the profile of a successful applicant. Physician Assistant programs vary in the number of hours and the kinds of experiences that qualify as direct patient care. Qualifying experiences often include paramedic, EMT, emergency department volunteer, orderly, nurse's aide, researcher/technician, mental health aide, EKG/monitor technician, patient care associate *or* technician, home health aide, medical office assistant, pharmacy technician, medical technologist, medical technician, athletic trainer, veterinary technician, ophthalmologic technician, dietitian, respiratory therapist, radiation technologist, LPN, corpsman, and phlebotomist.

The General Records Exam (GRE) is a computer-adaptive test offered hundreds of times per year in a variety of locations. There is a fee-reduction program that discounts the exam by 50% for those who qualify. *Please note:* You must apply for fee assistance well in advance of taking the GRE, at least 30 days.

AAPA – American Academy of Physician Assistants


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Degrees are accredited by the ADA's Commission on Dental Accreditation (CODA)  
Doctor of Dental Surgery (DDS)  
Doctor of Dental Medicine (DMD)

Programs take four years to complete with additional years for dental specialties.

Over 50 dental programs in the United States exist, and admission is competitive.

Most U.S. schools accept a single online application through the American Association of Dental Schools Application Service (AADSAS). After completing the degree, students must pass National Board Dental Examinations (Part I and II) to practice in the U.S.

The Dental Admission Test (DAT) is designed to measure general academic ability, comprehension of scientific information, and perceptual ability. Tests are administered year-round at Prometric Test Centers in the United States. You will need to obtain a DENTPIN before taking the DAT. Please plan to schedule your exam at least 60 to 90 days in advance.

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If you have education as a general dentist and you get licensed, that is what you are supposed to do – if you specialize, you are not to be a general dentist any more

9. Work as a Faculty Member

Helps build a meaningful career – practice and teach (need students to think about academic careers)

10. Transition

Mid-career changes

You can make these changes – you are not stuck

11. Flexible Degree

Research, dental companies, etc.

12. Rural Community Health

Skills that are transferable to other areas

13. Academic Capital

Many different ways to use this skill, this background, etc.

14. Family

Create a family of patients

Patients will defend their dentist!

Loyalty

15. Public Administration

Provide a service to the public





academic veterinary medicine.

*How many veterinary medical schools are there in the United States?*

There are 30 schools or colleges of veterinary medicine (CVMs) in the U.S. that are accredited or have accreditation pending and all of them are AAVMC members. Members also include seven departments of veterinary science, seven departments of comparative medicine, five Canadian CVMs, 14 international colleges of veterinary medicine, and seven affiliate members.

**How many veterinary students graduate from U.S. schools each year?**

About 3,000 students graduate each year from U.S. CVMs.

**Is there a shortage of veterinarians?**

There is a geographical shortage of veterinarians in some mostly rural areas that varies by state.

In May 2012, the National Research Council (NRC) of the National Academies released a report that concluded that there are sectors of unmet need for veterinarians, but the researchers found little evidence of current, widespread workforce shortages.

**Are most veterinary medical schools public or private?**

Public.

**Since there are only 30 CVMs in the U.S. is it difficult to get into veterinary school?**

There's a pervasive myth that getting into veterinary medical school is much more difficult than getting into human medical school, but that's not supported by the data. Nearly 50 percent of those who apply to veterinary medical school end up attending, a percentage that is comparable to human medical school. Individual acceptance rates vary greatly between schools.

**Do you have to have a pre-vet major or animal science degree as an undergraduate to get into veterinary medical school?**

No, you just need to complete the prerequisite coursework, which includes math and science, and do well. [Learn more here.](#)

**What kind of classes should students take if they want to become veterinarians?**

Course prerequisites vary among schools, as illustrated by our [prerequisite comparison chart](#) located on our website. High school students need to pursue a college prep curriculum. Undergraduate students, regardless of major, need to be able to bear science coursework up to the biochemistry level in order to be reasonably prepared for the rigor of the DVM science curriculum. Advanced math courses are also expected. An increasing number of schools are also requiring

The DVM curriculum generally consists of four years comprising a combination of basic science courses and clinical education. Basic science courses include subjects that might include (but are not limited to) histology, physiology, patholo









## Frequently Asked Questions

### **Should students retake prerequisite courses for which they receive poor grades?**

Some programs (e.g., DO) ask for a C or higher in prerequisite courses, so they should take them over. In other instances, it may be better to instead take additional courses in a related subject (e.g., a second biochemistry course)

### **How should student calculate Math-**

See the following for AMCAS Application Course Classification Guide (Allopathic Medical Schools):

- BCPM GPA: all Biology, Chemistry, Physics and Math courses, including both grades from repeated courses. *A course entry must be made for each completed attempt of a repeated course, even if any mention of enrollment in the course has been removed from the transcript. To comply with the needs of medical schools, AMCAS includes all attempts of repeated courses in GPA calculations, even if they are*
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