

PROGRAM PLAN

TOTAL PROGRAM REQUIREMENTS = 175 CREDITS

	COMPETENCIES (See right column for further details.)							REQUIREMENTS (See right column for further details.)					
	AJ	CR	CS	CC	CT	IT	ME	LC	QL	RP	SL	UD	WI
I. PRE-PROFESSIONAL NAT SCI & MAJOR: 32/98=130 credits:													
• BCH317/L Bio-Organic Chemistry (4)													
• BIO109/L General Biology I (4)					X								
• BIO110/L General Biology II (4)					X								
• BIO315/L General Microbiology (4)													
• BIO330/L General Anatomy (4)													
• BIO340/L General Physiology (4)													
• CHE110/L Chemistry I (4)													
• CHE111/L Chemistry II (4)													
• PAS301/L Advanced Human Anatomy I (2)													
• PAS302 Clinical Microbiology/Immunology (3)													
• PAS303 Medical Informatics (2)													
• PAS304 Fundamentals of Clinical Medicine I (5)													
• PAS305/L Advanced Human Anatomy II (2)													
• PAS306/L Physical Diagnosis I (4)													
• PAS310 Pharmacology I (2)													
• PAS312/L Clinical Laboratory Medicine (2)													
• PAS313 Preventive Medicine (2)													
• PAS314 Pathophysiology (3)													
• PAS410 Fundamentals of Clinical Medicine II (5)													
• PAS411/L Physical Diagnosis II (4)													
• PAS412 Pharmacology II (2)													
• PAS413 Cultural and Psychosocial Dynamics of Medicine (3)													
• PAS414 Medical Professional Issues (3)													
• PAS501 Clinical Pediatrics (2)													
• PAS502 Clinical Problem Solving (3)													
• PAS503 Surgery and Orthopedics (3)													
• PAS504 Geriatrics (2)													
• PAS505 Emergency Medicine (3)													
• PAS506 Research Methodology (3)										PAS 506+ 612+ 613			
• 15 credits: PAS601/602/603/604/605 Clerkship I/II/III/IV/V (3 credits each)													
• 15 credits: PAS606/607/608/609/610 Clerkship VI/VII/VIII/IX/X (3 cr each)													
• PAS612/613 Research I-II (1/1)													X
• PAS614/615/616 Clinical Seminar I-II-III (2/2/2)													
II. CORE CURRICULUM: 45 credits:													
▶ All courses taken at Daemen must have a competency.													
▶ No courses in the major (Section #I above) are allowed.													
▶ A maximum of 6 credits of SL may be counted in the core.													
1. Required Courses: 27 credits:													
• CMP101 English Composition (3)					X								X
• CMP315 Advanced Composition for Health Professionals (3)				X								X	X
• IND101 Sustainable & Critical Relationships (3)													
• MTH144 Calculus & Analytic Geometry I (3)									X				
• STATISTICS: 3 credits-Select 1: NSC310 Biostatistics; PSY211 Statistics for Psychology and Social Sciences					X								
• PHI321 Medical Ethics (3)												X	
• 9 credits in Psychology and Sociology: ▶ A minimum of 3 credits must be taken in Psychology and a minimum of 3 credits must be taken in Sociology. ▶ PSY211 Statistics for Psychology & Social Sciences cannot be used to fulfill both the Statistics and the Psychology requirement.													
○													
○													
○													
2. Core Electives: 18 credits:													
•													
•													
•													
•													
•													
•													
STATUS -COMPLETION OF COMPETENCIES /REQUIREMENTS:			X		X		X		X	X		6of9	8of9

CHECKLIST ON COMPLETION OF PROGRAM REQUIREMENTS:

PROGRAM SUMMARY:
On the left is a summary of requirements of this program. Columns are provided to track completion of requirements. An "X" in a column indicates that the course meets a competency, and/or results in credit towards fulfillment of another requirement. Use the columns at left or the checklist below to track progress on completion of the program.

REQUIREMENTS: STUDENTS MUST COMPLETE ALL OF THE FOLLOWING:

PLEASE NOTE:

- Competencies and all other requirements may be satisfied anywhere in the student's program
- Courses may fulfill more than 1 requirement (Example CMP101 satisfies the CS competency AND 3 credits towards the WI requirement.)
- Other than the Upper Division core requirement, no transfer courses will satisfy requirements unless approved in writing by the Core Director.

1. COMPETENCIES:
No transfer courses (other than those = to CMP101) will satisfy competencies.
3 credits in each of the competencies is required:

- AJ: Affective Judgment
- CR: Civic Responsibility
- CS: Communication Skills
- CC: Contextual Competency
- CT: Critical Thinking/Problem Solving
- IT: Literacy in Info/Multi-Media Tech
- ME: Moral & Ethical Discernment

2. LEARNING COMMUNITIES (LC): A LC is normally comprised of 2 courses with a common theme. **2 LC's must be completed.** If a LC includes a course in the major, this is OK but credit for the course will count in the major and **not in the core.**

- LC1: _____
- LC2: _____

3. QUANTITATIVE LITERACY (QL): 3 credits

- 3 credits: MTH144 Calculus & Analytic Geometry I

4. RESEARCH/PRESENTATION (RP):

- 5 credits: PAS506 Research Methodology AND PAS612/613 Research I-II

5. SERVICE LEARNING (SL): 3 credits: SL may be satisfied with 1 or multiple courses or SL add-ons:

- 3 credits: _____

6. UPPER DIVISION IN THE CORE: 9 of the credits counted under the Core Curriculum section of this plan must be courses at the 300 and/or 400 level.
3 credits: CMP315 Advanced Comp-Hlth Professionals
3 credits: PHI321 Medical Ethics
3 credits: _____

7. WRITING INTENSIVE (WI): 9 credits:

- 3 credits: CMP101 English Composition
- 3 credits: CMP315 Advanced Composition for Health Professionals
- 2 credits: PAS612/613 Research I-II
- 1 credit: _____

BACHELOR OF SCIENCE -HEALTH SCIENCES/MASTER OF SCIENCE- PHYSICIAN ASSISTANT STUDIES

Following is a suggested course sequence for your program. Courses may be offered as indicated and/or at other times. Consult your Advisor for further direction and planning.

- The Psychology and Sociology electives (6 credits in each area) may be taken as indicated or interchanged at other times as preferred.
- See Program Notes - #B regarding science course work previously completed.

YEAR 1

FIRST SEMESTER	SECOND SEMESTER
----------------	-----------------

LEARNING COMMUNITIES are generally completed in the first year (LC1 in the 1st semester; LC2 in the 2nd semester)

BIO109/L General Biology I	4	BIO110/L General Biology II	4
CHE 110/L Chemistry I	4	CHE111/L Chemistry II	4
IND101 Sustainable & Critical Relationships	3	CMP101 English Composition	3
MTH144 Calculus & Analytic Geometry I (See Program Notes)	3	Psychology or Sociology elective	3
CORE ELECTIVES	3	CORE ELECTIVES	6
	17		20

COURSE LOADS: Years 1 through 4 (Undergraduate): Undergraduate tuition rates apply. Maximum of 17 credits allowed for 6 semesters. 1 18-credit hour and 1 20-credit hour semester allowed at no additional tuition charge. Additional course loads are allowed for undergraduate students who achieve Dean's List. Consult the catalogue for details on the Dean's List privilege. Summer between Years 4 & 5 through Year 5 (Graduate): Graduate tuition rates apply. Summer course work is subject to additional tuition charges.

REQUIREMENTS FOR ADMISSION TO AND FOR CONTINUANCE IN THE PROFESSIONAL PHASE OF THE PROGRAM:

All core curriculum course work, with the exception of NSC310 Biostatistics and PHI321 Medical Ethics, must be completed prior to admission to the professional phase of the program. Consult the Physician Assistant Department for a complete listing of requirements for admission into and for continuance in the professional phase of the Physician Assistant Studies program.

YEAR 2

FIRST SEMESTER	SECOND SEMESTER
----------------	-----------------

BIO315/L General Microbiology	4	BCH317/L Bio-Organic Chemistry	4
BIO330/L General Anatomy	4	BIO340/L General Physiology	4
CMP315 Advanced Composition for Health Professionals OR	3	CMP315 Advanced Composition for Health Professionals OR	3
Psychology elective		Psychology elective	
Sociology elective	3	CORE ELECTIVES	6
CORE ELECTIVES	3		
	17		17

GRADUATION REQUIREMENTS:

Satisfactory completion of all requirements as per the terms set forth by the Physician Assistant Department.

PROGRAM NOTES:

A. MATH REQUIREMENT: Depending on Math background, a student may be required to complete lower level Math courses as prerequisite to the required MTH144 Calculus & Analytic Geometry I.

B. SCIENCE COURSE WORK: Science course work completed more than 10 years prior to the first term of enrollment in this BS/MS program is tentatively accepted pending Registrar's receipt of documentation verifying appropriate clinical or science-related experience. Consult the Registrar for details.

C. CLERKSHIPS/RESEARCH/SEMINARS:

Clerkships: 30 credits are required in Clerkships as follows (40 weeks total of Clinical Applications). Each clerkship will afford experience in one or more of the following areas: emergency medicine, family medicine, geriatrics, internal medicine, medical specialties, pediatric and adolescent medicine, prenatal care, psychiatry/behavioral medicine, surgical specialties. All clerkships are 3 credits each.

Clerkships:

PAS601 Clerkship I	PAS606 Clerkship VI
PAS602 Clerkship II	PAS607 Clerkship VII
PAS603 Clerkship III	PAS608 Clerkship VIII
PAS604 Clerkship IV	PAS609 Clerkship IX
PAS605 Clerkship V	PAS610 Clerkship X

Research: 2 courses, of 1 credit each, will be completed in research:

PAS612-613 Research I-II (1/1)

Seminars: Each of the 3 final year terms will require completion of a seminar (2 credits each for a total of 6 credits): PAS614-615-616 Clinical Seminar I-II-III (2/2/2)

D. DEGREE CONFERRAL: This is a combined BS/MS program. No single degree conferral is granted. Both degrees are conferred upon successful completion of all requirements of the BS/MS curriculum.

E. PREREQUISITE STUDIES: As in all majors, all prerequisites for courses in the program must be satisfied.

YEAR 3

FIRST SEMESTER	SECOND SEMESTER
----------------	-----------------

PAS301 Advanced Human Anatomy I	2	NSC310 Biostatistics OR PSY211 Statistics for Psychology and Social Sciences	3
PAS302 Clinical Microbiology/Immunology	3	PAS304 Fundamentals of Clinical Medicine I	5
PAS303 Medical Informatics	2	PAS305 Advanced Human Anatomy II	2
PAS312 Clinical Laboratory Medicine	2	PAS306 Physical Diagnosis I	4
PAS314 Pathophysiology	3	PAS310 Pharmacology I	2
PHI321 Medical Ethics	3	PAS313 Preventive Medicine	2
	15		18

YEAR 4

FIRST SEMESTER	SECOND SEMESTER
----------------	-----------------

PAS410 Fundamentals of Clinical Medicine II	5	PAS501 Clinical Pediatrics	
PAS411 Physical Diagnosis II	4	PAS502 Clinical Problem Solving	3
PAS412 Pharmacology II	2	PAS503 Surgery and Orthopedics	3
PAS413 The Cultural & Psychosocial Dynamics of Medicine	3	PAS504 Geriatrics	2
PAS414 Medical Professional Issues	3	PAS505 Emergency Medicine	3
	17	PAS506 Research Methodology	3
			16

**SUMMER SESSION
AND
YEAR 5**

38 CREDITS TOTAL:

- A total of 10 clinical rotations (clerkships) will be completed; 3-4 per each of the 3 terms (Summer, Fall, Spring). Clerkships are each 4 weeks in duration and carry 3 credits, for a total of 30 credits in clerkships.
- Each of the 3 terms will include enrollment in a 2-credit seminar (PAS614, 615, 616)
- Research studies include 2 courses, each carrying 1 credit (PAS612, 613)
- Consult your Faculty Advisor for scheduling of Graduate Studies.
- See right (Program Notes - #C) for a listing of all studies completed in the Summer prior to Year 5 (Graduate portion of the program)

PA.BSMS/PA.GR.BSMS
Office of the Registrar (09/08)